



CHIRAL HANDBOOK

HPLC & SFC Separations



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A RESOURCE BUILT FROM NEARLY 50 YEARS OF EXPERIENCE

Regis is pleased to present the second edition of the Chiral Handbook. This definitive resource contains over 950 chiral applications using a variety of chiral column types as well as method development guidance and a Frequently Asked Question section.

Don't see the application you are looking for? Regis maintains a dedicated chiral separations laboratory that provides free chiral screening to identify the best column for your separation. For the latest applications and resources, please contact Regis or visit our website (www.chiral.com) for the most up-to-date information.

Since 1972, Regis Technologies, Inc. has been a leader in HPLC and SFC chiral separations and purification services. We are proud to be a trusted supplier of high-quality chromatography products and unique chiral stationary phases.

Regis offers four different types of Chiral Stationary Phases (CSPs):

- Covalently bonded Pirkle-Type
- Immobilized Polysaccharide
- Coated Polysaccharide
- Covalently bonded 18 Crown-ether

Columns are available in analytical to preparative sizes as well as custom sizes.

CHIRAL SEPARATIONS

One of the biggest challenges is finding the best column for separating compounds of various types, as there is no universal chiral stationary phase, and predicting which chiral stationary phase will provide the best separation is difficult. Unlike many normal phase or reversed-phase separations, chiral separations do not simply depend on hydrophobicity. Chiral separations depend highly on the differences in orthogonality and planar shape between the two stereoisomers and their interaction with the stationary phase. The CSP interacts with analyte enantiomers to form short-lived, transient diastereomeric complexes. The binding strength of one of those complexes will be stronger than the other, resulting in differences in retention times for the enantiomer pair. Often, more than one column may provide some separation, but in many cases, only one column or possibly two will provide adequate resolution of the enantiomers. Therefore, screening of multiple columns is often needed to find the right column for separation.

CHIRAL SCREENING

Since there is no universal CSP, we recommend building a small library of chiral columns that have broad applicability and durability for high volume screening. We can recommend a column set that matches your needs and covers the broadest spectrum of selectivity. Our general recommendations for kits containing two to five columns are listed below.

3 Columns:

- Reflect™ I-Amylose A
- Reflect™ I-Cellulose C
- Whelk-O® 1

5 Columns:

- Reflect™ I-Amylose A
- Reflect™ I-Cellulose C
- Reflect™ I-Cellulose B
- Reflect™ C-Amylose A
- Whelk-O® 1

Amino Acids and Amine-containing Compounds:

- ChiroSil®
- ChiroSil® ME

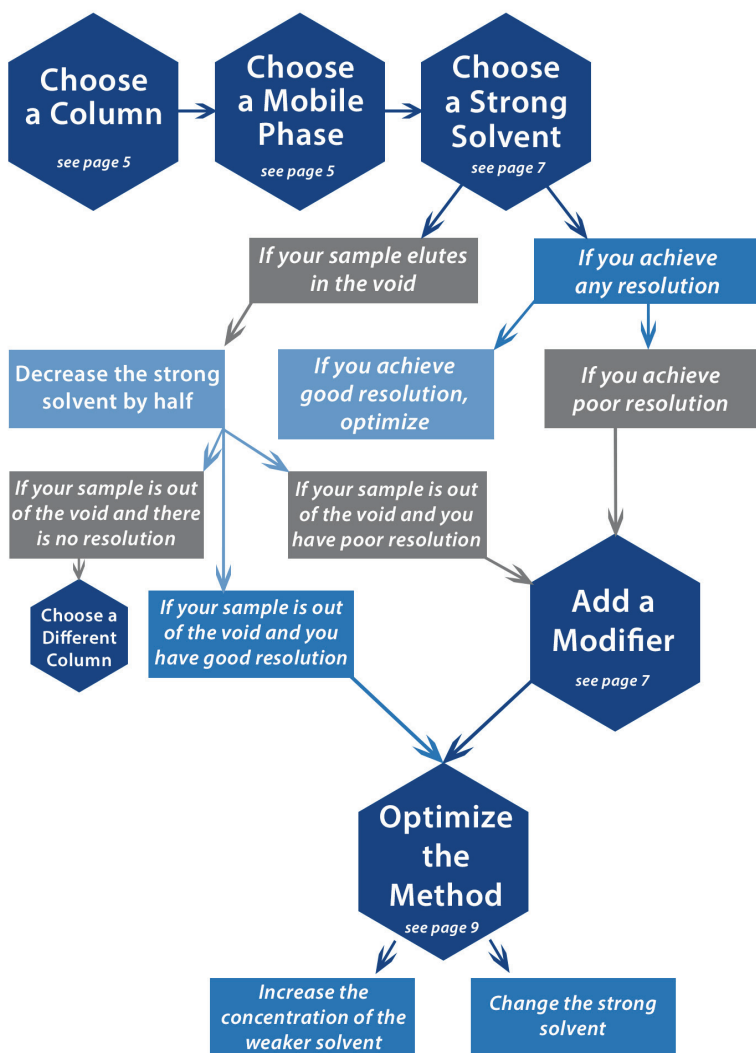
METHOD DEVELOPMENT - HPLC

The ability to achieve separation of two enantiomers is measured by enantioselectivity, the value of the separation factor (α) for the two enantiomers. A pair of enantiomers is considered resolved if $\alpha > 1.1$.

General Tips

- HPLC method development protocols are similar for all phases, except for ChiroSil
- There are some restrictions on solvents that can be used with coated polysaccharide phases
- There are no restrictions on solvents that may be used with the Whelk-O 1 and immobilized polysaccharide phases
- Coated polysaccharide columns can tolerate up to 90% water, but high aqueous mobile phases may irreversibly alter the column; if the column is to be used with water, it is strongly recommended that the column be dedicated to reversed-phase only

QUICK SCHEME METHOD DEVELOPMENT



METHOD DEVELOPMENT – STEP BY STEP

STEP 1: Choosing the Appropriate Column

We recommend using the following sequence of columns to start your method development. When doing method development at Regis, the Whelk-O 1 is our first choice, as it exhibits a broad range of selectivity and has the ability to invert elution order if needed.

Order of Preference:

- Whelk-O 1 (Pirkle-type)
- Reflect I-Amylose A (immobilized polysaccharide)
- Reflect I-Cellulose C (immobilized polysaccharide)
- Reflect I-Cellulose B (immobilized polysaccharide)
- Reflect C-Amylose A (coated polysaccharide)
- Reflect C-Cellulose B (coated polysaccharide)
- Reflect I-Cellulose J (immobilized polysaccharide)
- Other Pirkle-type phases (ULMO, DACH-DNB, Leucine, Phenylglycine, etc.)

First choice for amino acids and compounds containing primary amines:

- ChiroSil (Crown Ether)
- ChiroSil ME (Crown Ether)

Column Family	Solvent Restrictions	pH Range	Temp Range	Recommended Storage
Whelk-O 1 & Reflect Immobilized	None	2.5 - 7.5	0 - 40 °C	100% Organic solvent
Reflect Coated & Other Coated Polysaccharide Phases	Do not use Acetone, Chloroform, Ethyl Acetate, DMF, DMSO, Methylene Chloride and THF; up to 60% water OK; acid and base modifiers should not exceed 0.5%	2.5 - 7.5	0 - 40 °C	Hexane:IPA (90:10)
ChiroSil	None	1.5 - 7.5	-5 - 50 °C	100% Methanol
Other Pirkle Phases	None	2.5 - 7.5	0 - 40 °C	100% Organic solvent

STEP 2: Choosing the Mobile Phase

Factors such as solubility and future considerations for preparative work usually help to determine whether to develop methods with reversed-phase or normal phase solvents. Pirkle-Type phases can be used in either mode, but typically perform best with normal phase solvents. Since many analytical chiral methods later scale up to preparative separations, we recommend using normal phase as a first approach. We suggest the starting mobile phase should be the strongest solvent combination that allows full sample solubility.

Normal Phase

- Hexane/IPA
- Hexane/Ethanol
- Hexane/CH₂Cl₂*
- Hexane/CH₂Cl₂/Ethanol*
- Hexane/Ethyl Acetate*
- Methanol/CH₂Cl₂*
- Ethanol/CH₂Cl₂*
- Heptane/CH₂Cl₂*

Reversed-Phase

- H₂O/Methanol
- H₂O/Ethanol
- H₂O/Acetonitrile
- H₂O/THF*

*Do not use these solvent systems with coated polysaccharide phases because they can swell or dissolve the polysaccharide coating and destroy the column.

Flow rates for HPLC columns are chosen as a function of several factors, including column dimensions, particle size, and the nature of the mobile phases employed. Typical flow rates for normal-phase HPLC operation are listed in the table below.

Typical Normal-Phase HPLC Flow Rate (mL/min)

Column i.d.	Particle Size					
	1.8 μm	3.5 μm	5.0 μm	10.0 μm	16.0 μm	20.0 μm
2.1 mm	0.87	0.45	0.31	0.16	0.10	0.08
3.0 mm	1.8	0.91	0.64	0.32	0.20	0.16
4.6 mm	4.2	2.1	1.5	0.75	0.47	0.37
10.0 mm	20	10	7.1	3.5	2.2	1.8
21.1 mm	88	45	32	16	10	8
30.0 mm	177	91	64	32	20	16
50.0 mm	492	253	177	88	55	44

The following equation can be used to scale a previously established HPLC method to a column with a different internal diameter (i.d.) and particle size:

$$F_{\text{new}} = F_{\text{ref}} \left(\frac{r_{\text{new}}}{r_{\text{ref}}} \right)^2 \left(\frac{d_{p,\text{ref}}}{d_{p,\text{new}}} \right)$$

where:

F = flow rate (mL/min)

r = column radius (mm)

d_p = particle diameter (μm)

new = new column

ref = reference column

For example, you might develop a method on the analytical scale using a 4.6 mm i.d. column with 3 μm particles using a flow rate of 1.0 mL/min. An equivalent flow rate with a preparative 50 mm i.d column and 10 μm particles is approximately 35 mL/min.

$$F_{\text{new}} = 1.0 \text{ mL/min} \left(\frac{25 \text{ mm}}{2.3 \text{ mm}} \right)^2 \left(\frac{3 \text{ μm}}{10 \text{ μm}} \right) \approx 35.4 \text{ mL/min}$$

STEP 3: Choosing the Strong Solvent

Start with a high percentage (e.g. 50%) of strong solvent (normal phase - ethanol, IPA, etc.; reversed-phase - methanol, acetonitrile, etc.). Starting with a strong solvent ensures that all peaks will elute off the column quickly.

Sample: Naproxen

Column: (R,R) Whelk-O 1, 25 cm x 4.6 mm, 5 μ m

Mobile Phase: (50/50) Hexane/Ethanol

Flow Rate: 1.5 mL/min

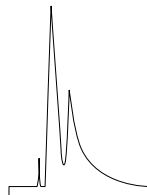
Detection: UV 254 nm

Run Time: 6.5 min

k': 1.37

α : 1.87

R_s: 1.59



- If you achieve any resolution, such as the above example, move on to Step 4
- If your sample comes off in the void, decrease the strong solvent concentration by half
- If your sample is now out of the void and you have resolution, move on to Step 4
- If your sample is out of the void, and there is no resolution, choose a different column

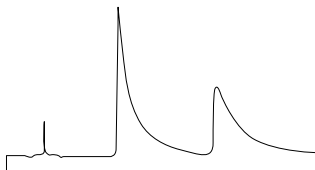
STEP 4: Adding a Mobile Phase Modifier

As you can see, the peak shape of the initial separation is very poor. To rectify this problem, a modifier is usually added. Concentration of the modifier should be kept as low as possible (between 0.1-0.5%). Recommended starting concentration is 0.1%. If you are satisfied with the peak shape, you do not need to add a modifier; move on to Step 5 and optimize your separation.

- For basic or amine groups, add triethylamine (TEA), diethylamine (DEA) or ammonium acetate
- For acidic groups, add Acetic Acid, TFA (TFA) or ammonium acetate

Analyte	Modifier
Acid/Acid Salt	Acetic Acid (0.1%-0.4%)
	Ammonium Acetate (0.01M-0.1M)
	TFA* (0.1%-0.5%)
Amine/Amine Salt	TEA (0.1%-0.5%)
	DEA (0.1%-0.5%)
	Ammonium Acetate (0.01M-0.1M)
Bifunctional	Ammonium Acetate/TEA or DEA
	Acetic Acid/TEA or DEA
	TEA or DEA/TFA*

*Use TFA only if absolutely necessary

Adding 0.1% TEA to the Mobile Phase**Sample:** Naproxen**Column:** (R,R) Whelk-O 1, 25 cm x 4.6 mm, 5 μ m**Mobile Phase:** (50/50) Hexane/Ethanol + **0.1% TEA****Flow Rate:** 1.5 mL/min**Detection:** UV 254 nm**Run Time:** 19.0 min**k':** 4.63 **α :** 2.07**R_S:** 4.14

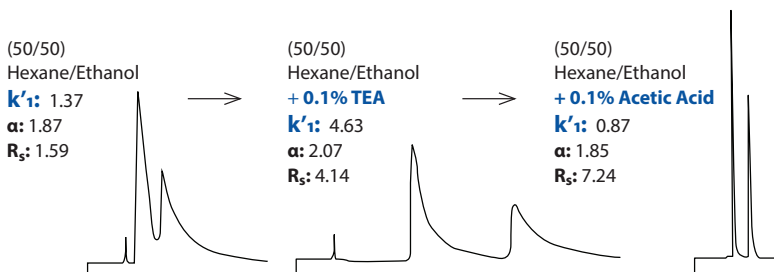
Although resolution increased with the addition of 0.1% of triethylamine to the mobile phase, the peak shape is still very poor. Try adding a different modifier.

Adding 0.1% Acetic Acid to the Mobile Phase**Sample:** Naproxen**Column:** (R,R) Whelk-O 1, 25 cm x 4.6 mm, 5 μ m**Mobile Phase:** (50/50) Hexane/Ethanol + **0.1% Acetic Acid****Flow Rate:** 1.5 mL/min**Detection:** UV 254 nm**Run Time:** 4.7 min**k':** 0.87 **α :** 1.85**R_S:** 7.24

Replacing TEA with Acetic Acid greatly improved peak shape while maintaining adequate resolution.

Recapping the First Four Steps:

For this example, you can stop at 50/50 Hexane/Ethanol + 0.1% Acetic Acid if you are only looking for a simple method that achieves adequate separation, or you can carry it forward to Step 5 and optimize.



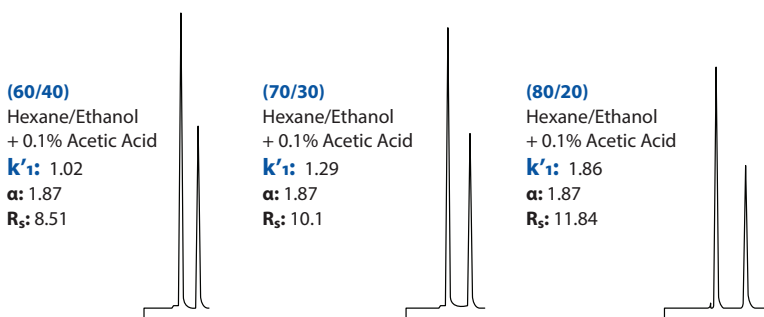
STEP 5: Optimizing your Method

Optimizing a chiral method can be performed with respect to several parameters, such as resolution, speed, solubility, loading, etc. In this way, it is very similar to optimizing an achiral method. Changing mobile phase component concentrations and even the components themselves can dramatically change resolution.

Optimization of a chiral separation method can be as simple or as complicated as you want it to be. Different mobile phase components can be used; modifiers can be changed or eliminated; you can switch to reversed-phase solvents; and you can change columns. We suggest you keep it as simple as possible. Once you have achieved an acceptable separation, move on to the next project. Small increases in resolution and alpha are usually not worth the time spent in method development to achieve those increases.

5a: Increasing the concentration of the weaker solvent

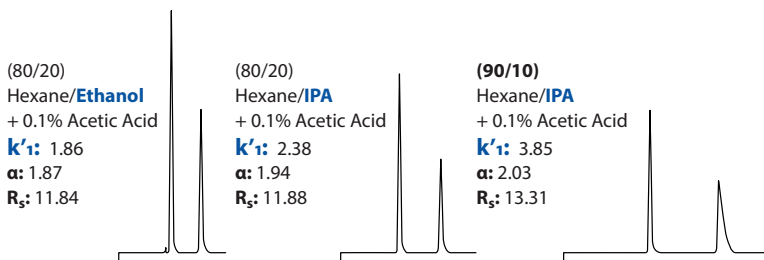
Increasing the hexane concentration increased the resolution in this example.

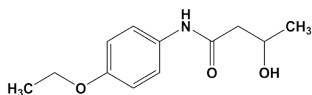
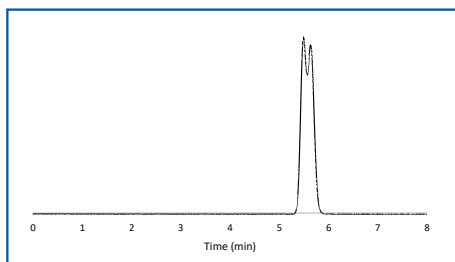
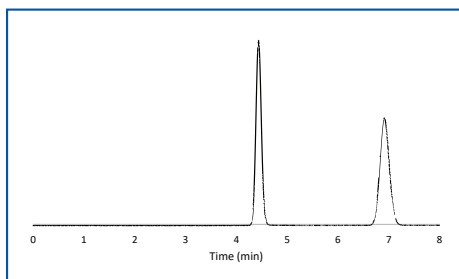


5b: Changing the strong solvent

By substituting IPA for ethanol in Example 1, we achieved an increase in both retention and alpha. We gained even greater separation by reducing the concentration of the strong solvent, IPA. In Example 2, a significant increase in resolution is observed when the strong solvent is changed from ethanol to IPA.

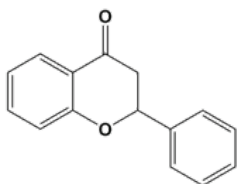
Example 1: Effect of Weakening the Strong Solvent



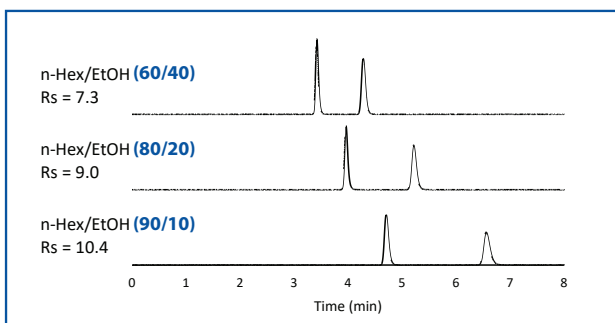
Example 2:**Mobile Phase:**(70/30) Hexane/**Ethanol****Sample:** Bucetin**Column:** : Reflect C-Amylose A,
5 μ m, 25 cm x 4.6 mm**Flow Rate:** 1.5 mL/min**UV:** 254 nm**Mobile Phase:**(70/30) Hexane/**IPA**

5c: Switching to reversed-phase separation mode

The separation of flavanone can be performed in both normal phase and reversed-phase on Reflect I-Amylose A. Solvent strength can be changed to affect both retention and resolution.



Sample: Flavanone

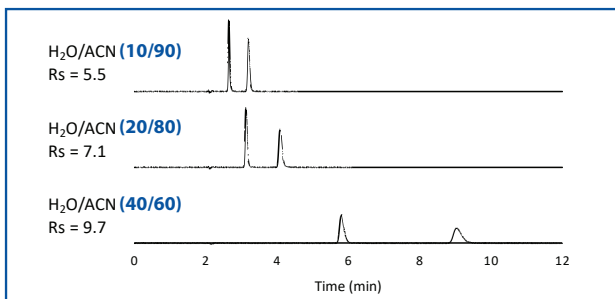
Normal Phase

Column: Reflect I-Amylose A, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: Hexane/Ethanol

Flow Rate: 1.5 mL/min

UV: 254 nm

Reversed-Phase

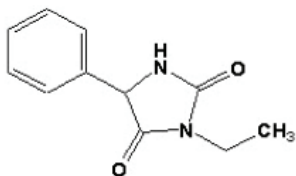
Column: Reflect I-Amylose A, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: Water/Acetonitrile

Flow Rate: 1.5 mL/min

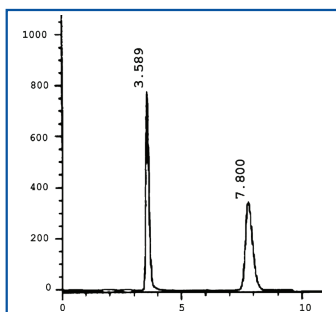
UV: 254 nm

Adequate enantiomeric separation of ethotoin can be obtained using either normal phase or reversed-phase methods.



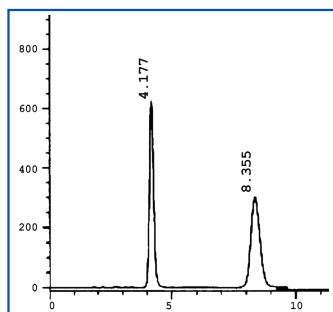
Sample: Ethotoin

Normal Phase



Column: Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (60/40) Hexane/
Ethanol
Flow Rate: 1.5 mL/min
UV: 220 nm
 k' : 0.85
Selectivity: 3.58

Reversed-Phase



Column: Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30) $\text{CH}_3\text{OH}/\text{H}_2\text{O}$
Flow Rate: 1.5 mL/min
UV: 220 nm
 k' : 1.16
Selectivity: 2.87

Note: Whelk-O 1 can be switched between normal- and reversed-phase.

METHOD DEVELOPMENT - SFC

The ability to achieve separation of two enantiomers is measured by enantioselectivity, the value of the separation factor α for the two enantiomers. In most cases, a pair of enantiomers is considered resolvable if $\alpha > 1.1$. For baseline resolution of peaks, R_s values should be > 1.5 .

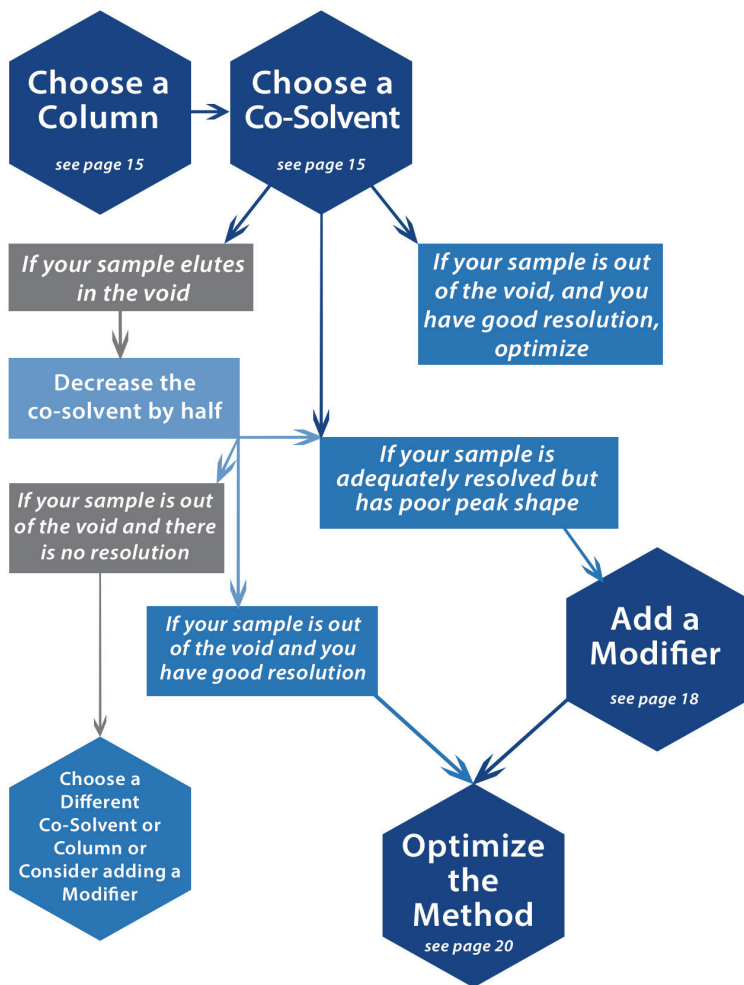
General Tips

- SFC method development protocols are similar for all phases
- There are some restrictions on co-solvents that may be used with coated polysaccharide columns
- There are no restrictions on co-solvents that may be used with Whelk-O 1 and other immobilized phases, such as Reflect immobilized and the other Pirkle-Type phases

SFC Start-Up Tips:

- Rinse the column with ethanol or IPA before connecting to your SFC system, since CO_2 is very inefficient at removing Hexane
- It is not necessary to dedicate a column to SFC work, but it is highly recommended

QUICK SCHEME METHOD DEVELOPMENT



METHOD DEVELOPMENT – STEP BY STEP

STEP 1: Choosing the Appropriate Column

We recommend using the following sequence of columns to start your method development. When doing method development at Regis, the Whelk-O 1 is our first choice, as it exhibits a broad range of selectivity and has the ability to invert elution order if needed.

Order of Preference:

- Whelk-O 1 (Pirkle-type)
- Reflect I-Amylose A (immobilized polysaccharide)
- Reflect I-Cellulose C (immobilized polysaccharide)
- Reflect I-Cellulose B (immobilized polysaccharide)
- Reflect C-Amylose A (coated polysaccharide)
- Reflect C-Cellulose B (coated polysaccharide)
- Reflect I-Cellulose J (immobilized polysaccharide)
- Other Pirkle-type phases (ULMO, DACH-DNB, Leucine, Phenylglycine, etc.)

STEP 2: Choosing the Mobile Phase

Supercritical carbon dioxide is the main component of the mobile phase in SFC separations.

Often a polar organic co-solvent is needed to achieve timely elution and adequate separation. In choosing an optimal co-solvent, the highest priority is to obtain suitable separation and resolution of your racemic compounds. Another important consideration is the ability of the co-solvent to solubilize the sample, which becomes critical when scaling up to a preparative separation.

Typical SFC Co-Solvents:

Polysaccharide CSPs

- IPA (IPA)
- Ethanol (EtOH)
- Methanol (MeOH)

Pirkle-Type and Immobilized Polysaccharide CSPs

- IPA (IPA)
- Ethanol (EtOH)
- Methanol (MeOH)
- Acetonitrile (ACN)
- Methylene Chloride (CH_2Cl_2)
- Tetrahydrofuran (THF)
- Ethyl Acetate ($\text{CH}_3\text{COONH}_4$)
- Chloroform (CHCl_3)
- Combinations of the above solvents

Flow rates for SFC columns are chosen as a function of several factors, including column dimensions and particle size. Because the viscosities of the mobile phases employed in SFC are so low, common flow rates are three to four times higher than when operating in normal phase HPLC mode. Typical flow rates for SFC operation are listed in the table below.

Typical SFC Flow Rate (mL/min)

Column i.d.	Particle Size					
	1.8 μm	3.5 μm	5.0 μm	10.0 μm	16.0 μm	20.0 μm
2.1 mm	2.3	1.2	0.83	0.42	0.26	0.21
3.0 mm	4.7	2.4	1.7	0.85	0.53	0.43
4.6 mm	11	5.7	4.0	2.0	1.2	1.0
10.0 mm	53	27	19	9.4	5.9	4.7
21.1 mm	230	120	84	42	26	21
30.0 mm	470	240	170	85	53	43
50.0 mm	130	680	470	240	150	118

The following equation can be used to scale a previously established SFC method to a column with a different i.d. and particle size:

$$F_{\text{new}} = F_{\text{ref}} \left(\frac{r_{\text{new}}}{r_{\text{ref}}} \right)^2 \left(\frac{d_{p,\text{ref}}}{d_{p,\text{new}}} \right)$$

where:

F = flow rate (mL/min)

r = column radius (mm)

d_p = particle diameter (μm)

new = new column

ref = reference column

For example, you might develop a method on the analytical scale using a 4.6 mm i.d. column with 5 μm particles using a flow rate of 3.0 mL/min. An equivalent flow rate with a preparative 50 mm i.d. column and 10 μm particles is approximately 180 mL/min.

$$F_{\text{new}} = 3.0 \text{ mL/min} \left(\frac{25 \text{ mm}}{2.3 \text{ mm}} \right)^2 \left(\frac{5 \text{ } \mu\text{m}}{10 \text{ } \mu\text{m}} \right) \approx 177 \text{ mL/min}$$

STEP 3: Co-Solvent Selection

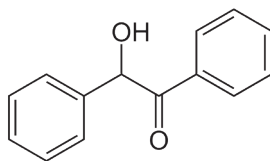
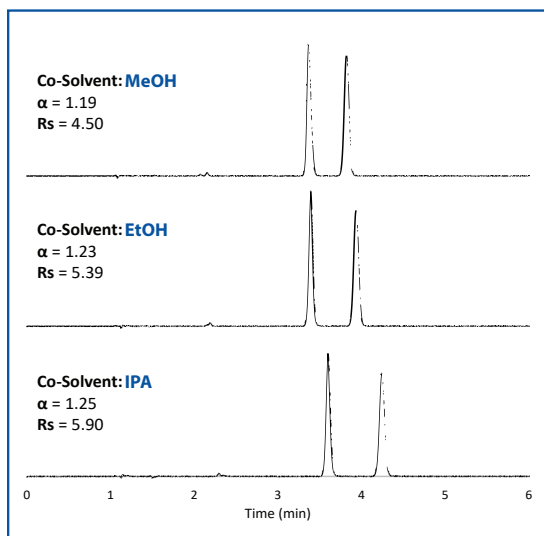
The majority of compounds can be separated using one of the three most common alcohols as a co-solvent: IPA, ethanol, or methanol. A small amount of polar modifier dissolved in the co-solvent may also be necessary to improve peak shape and resolution.

A ratio of 80:20, CO₂: Co-Solvent (IPA, ethanol, or methanol) is a good starting point.

- If your sample elutes in the void, decrease the co-solvent by half; if your sample still elutes in the void, change to a different co-solvent
- If your sample is out of the void and you have adequate resolution move on to Step 4
- If your sample is out of the void, and there is no resolution, choose a different co-solvent, consider adding a modifier, or choose a different column

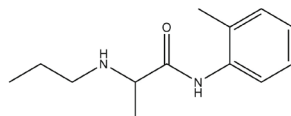
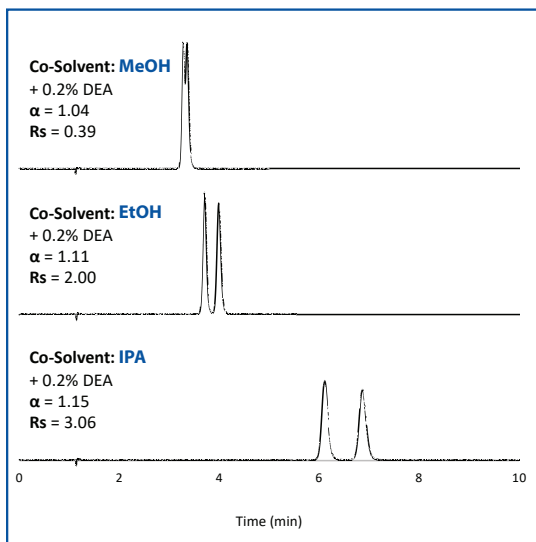
Examples of the effect of various co-solvents on the separation:

Methanol, ethanol, and isopropanol co-solvents all provide good enantiomeric separation of benzoin on Reflect I-Cellulose B.



Sample: Benzoin
Column: Reflect I-Cellulose B,
 5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
 CO₂/Co-Solvent
Flow Rate: 3.0 mL/min
Temperature: 30 °C
Pressure: 150 bar
UV: 254 nm
Instrument: Shimadzu
 Nexera UC

Isopropanol is the co-solvent that provides the best enantiomeric separation of prilocaine.



Sample: Prilocaine
Column: Reflect I-Cellulose C,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
CO₂/Co-Solvent
Flow Rate: 3.0 mL/min
Temperature: 30 °C
Pressure: 150 bar
UV: 210 nm

STEP 4: Adding a Co-Solvent Modifier

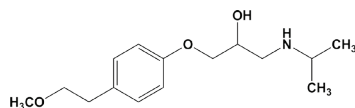
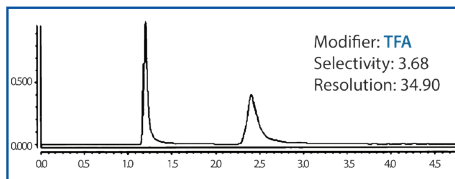
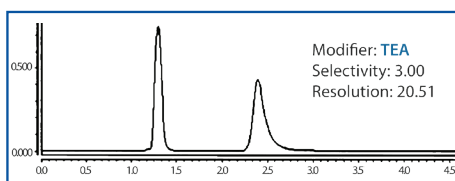
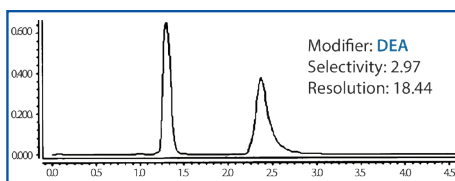
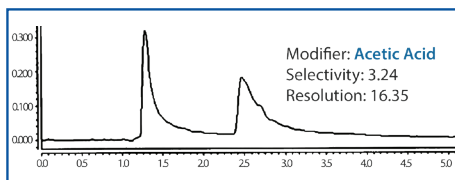
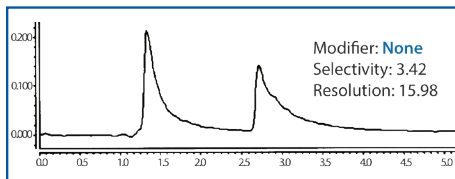
It is sometimes necessary to add a co-solvent modifier to improve resolution and/or peak shape. Concentration of the modifier should be kept as low as possible (between 0.1 – 0.5%). Recommended starting concentration is 0.1%.

Typical SFC Co-Solvent Modifiers for Polysaccharide and Pirkle-Type CSPs:

- Acetic Acid
- Triethylamine (TEA)
- Diethylamine (DEA)
- Trifluoroacetic Acid (TFA)
- Ammonium Acetate

Effect of changing the co-solvent modifier:

Addition of DEA, TEA, or TFA improves peak shape and provides good resolution for enantiomers of metoprolol.



Sample: Metoprolol
Column: RegisCell,
 5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
 CO₂/Ethanol + 0.5% Modifier
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
UV: 280 nm
Instrument: THAR SFC
 Method Station

STEP 5: Optimizing your Method

Optimization of a chiral separation method can be as simple or as complicated as you want it to be. We suggest you keep it as simple as possible. Once you have achieved an acceptable separation, move on to the next project. Small increases in resolution and alpha are usually not worth the time spent in method development to achieve those increases.

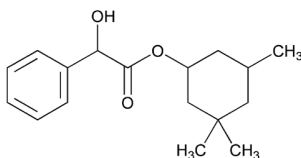
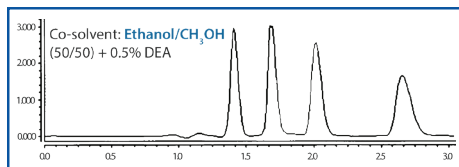
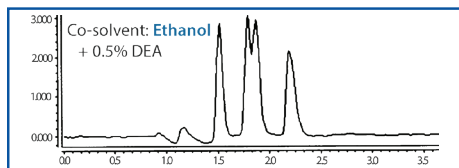
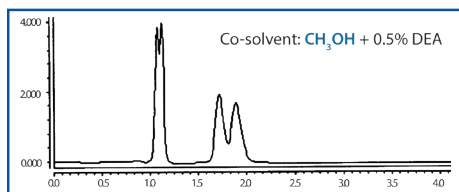
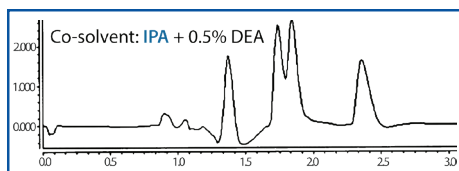
Options for optimizing a method:

- Change the co-solvent
- Increase or decrease co-solvent concentration
- Change the co-solvent modifier
- Use a dual co-solvent

Effect of Dual Co-Solvents:

Employing a dual co-solvent system can help separate compounds with multiple chiral centers.

In this case, a dual co-solvent system is the only way to achieve baseline separation for all four isomers of cyclandelate.



Sample: Cyclandelate
Column: RegisPack CLA-1,
 5 μ m, 25 cm x 4.6 mm
Mobile Phase: (75/25)
 CO₂/Co-solvent + 0.5% DEA
Flow Rate: 4.0 mL/min
Temp: 40 °C
Pressure: 125 bar
UV: 220 nm
Instrument: THAR SFC
 Method Station

REGIS CHIRAL COLUMNS

PIRKLE-TYPE CHIRAL STATIONARY PHASES

Advantages of the Pirkle-Type Chiral Stationary Phases

- Excellent method development columns with applicability to a wide range of compound classes
- Alternate selectivity to polysaccharide chiral stationary phases
- Covalently bonded for long term performance and broad mobile phase compatibility
- Broad range of particle sizes and dimensions for analytical to preparative scale separations
- High loading capacity for excellent scalability in preparative applications
- Choice of enantiomeric phases allows inversion of peak elution order

The entire family of Regis' Pirkle-Type Chiral Stationary Phases (CSPs) can be used in HPLC or SFC applications and are compatible with both normal- and reversed-phase solvents. Since all of the Pirkle-Type CSPs are covalently bonded, the columns can tolerate all commonly used mobile phase combinations and are very durable. All of the Pirkle-Type CSPs are available in both enantiomeric forms. This allows the chromatographer to invert the elution order of the enantiomers by simply switching columns. This feature is helpful in determining enantiomeric purity when the trace enantiomer should elute before the major one. Elution order can also be important in preparative chromatography applications, because when the desired enantiomer elutes first, purity and production efficiency increases.

Pirkle Chiral Stationary Phases generally fall into three classes: π -electron acceptor/ π -electron donors, the π -electron acceptors and the π -electron donors. With Pirkle phases, chiral recognition occurs at binding sites. Major binding sites are classified as π -basic or π -acidic aromatic rings, acidic sites, basic sites, and steric interaction sites. Aromatic rings are potential sites for π - π interactions. Acidic sites supply hydrogens for potential intermolecular hydrogen bonds; the hydrogen is often an amido proton (N-H) from an amide, carbamate, urea, or amine. Basic sites, such as π -electrons, sulfinyl or phosphinyl oxygens, and hydroxy or ether oxygens, may also be involved in hydrogen bond formation. Steric interactions may also occur between large groups.

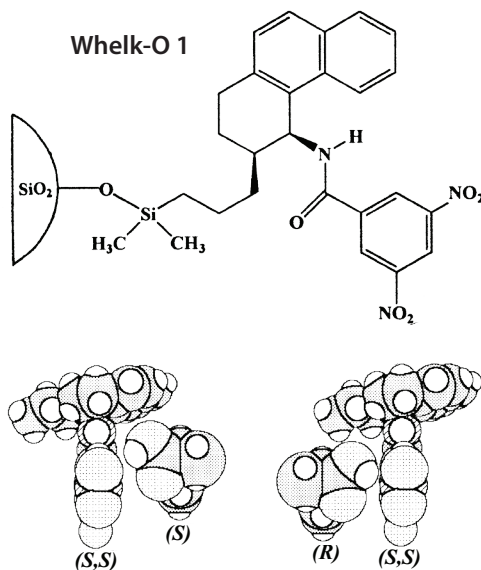
π -ELECTRON ACCEPTOR / π -ELECTRON DONOR PHASES

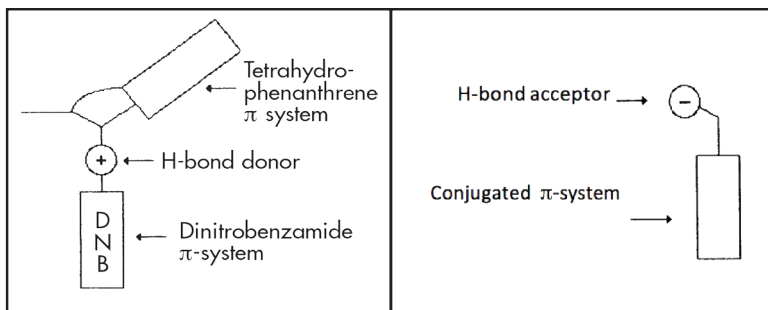
- WHELK-O 1
- WHELK-O 2
- ULMO

WHELK-O 1

The Whelk-O 1 Chiral Stationary Phase is based on 1-(3,5-Dinitrobenzamido)-1,2,3,4-tetrahydrophenanthrene. This phase allows separation of racemates from a number of families including amides, epoxides, esters, ureas, carbamates, ethers, aziridines, phosphonates, aldehydes, ketones, carboxylic acids, and alcohols.

The Whelk-O 1 was originally designed for the separation of underivatized non-steroidal antiinflammatory drugs (NSAIDs). This π -electron acceptor/ π -electron donor phase allows broad selectivity, allowing resolution of a wide variety of underivatized racemates. The broad versatility observed with the Whelk-O 1 column, compares favorably with polysaccharide-derived chiral stationary phases and in many cases offers alternate selectivity. In addition, because of its covalent nature, this chiral phase is compatible with all commonly used mobile phases, including aqueous systems—a distinct advantage over coated polysaccharide chiral stationary phases. Other advantages include column durability, excellent efficiency, elution order inversion, and excellent loading capacity. Whelk-O 1 is available in a full range of particle sizes (1.8-, 3.5-, 5-, 10-, 16-, and 20 μm) to serve small scale analytical separations up to large scale preparative work.



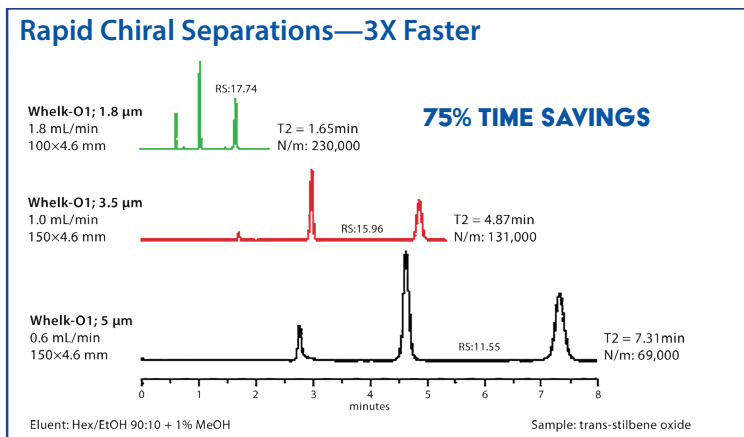


a) Schematic diagram showing key functional groups of the Whelk-O 1 involved in chiral recognition.

b) Schematic diagram showing generalized structure of analytes which are resolved on the Whelk-O 1.

Now available in 1.8 μm UHPLC columns!

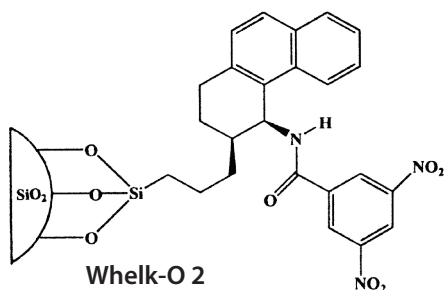
- Increase throughput and resolution—Great for rapid chiral screening
- 1.8 μm fully porous particles for high-efficiency separations in both UHPLC and UHPSFC
- Fully scalable phase from 1.8 μm to 20 μm , analytical- to preparative-size columns
- Stable, long term performance for long column lifetimes at high flow rates and pressures



Sub-2 μm particles provide very high efficiencies and resolution even at high flow rates, reducing analysis time and mobile phase consumption while increasing resolution. The Whelk-O 1 selector is bonded on 1.8 μm totally porous silica for high-efficiency separations. Rapid screening of racemic mixtures can be obtained in a fraction of the time, improving throughput by greater than 3X. Whelk-O 1 sub-2 μm columns are compatible with both UHPLC and UHPSFC separations.

WHELK-O 2

The Whelk-O® 2 CSP is the covalent trifunctional version of Whelk-O 1. Whelk-O 2 retains the same chiral selector but modifies the support to silica from a monofunctional linkage to a trifunctional. In most cases, the enantioselectivity remains the same allowing the separation of the analogous family of racemates as does the Whelk-O 1.

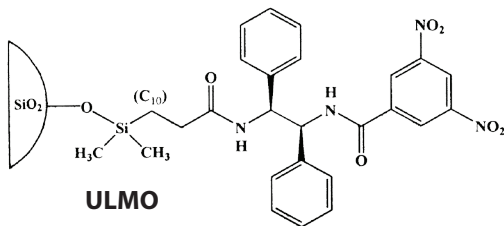


Whelk-O 2 was designed to enhance the stability of the stationary phase due to hydrolysis while using strong organic modifiers such as TFA. The Whelk-O 2 is ideal for preparative separations since the material is bonded on 10 μm , 100 Å spherical Kromasil silica. This allows the preparative chromatographer to perform method development on their analytical column and immediately scale up to larger diameter columns.

ULMO

The ULMO chiral stationary phase was developed by Austrian Researchers, Uray, Lindner, and Maier. This CSP has a general ability to separate enantiomers of many racemate classes, and is particularly good at separating enantiomers of aryl carbinols.

The ULMO CSP is based on a 3,5-Dinitrobenzoyl derivative of diphenylethylenediamine.



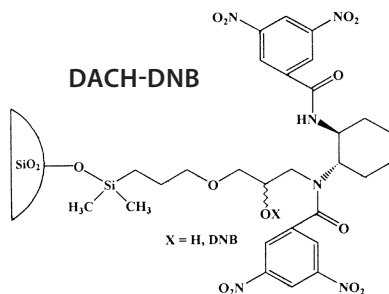
π -ELECTRON ACCEPTOR PHASES

- DACH-DNB
- Pirkle 1-J
- α -Burke 2
- β -Gem 1
- Leucine
- Phenylglycine

The π -electron acceptor Pirkle Chiral Stationary Phases can be used to separate a wide range of enantiomers without derivatization, as demonstrated for the following classes of solutes: secondary benzyl alcohols, mandelic acid analogs, α -hydroxy- α -aryl phosphates, α -tetralol analogs, propranolol analogs, β -hydroxy-aryl sulfoxides, alkyl-aryl sulfoxides, diaryl sulfoxides, aryl-substituted cyclic phthalides, aryl-substituted lactams, aryl-substituted succinimides, aryl-substituted hydantoins, bi- β -naphthol and its analogs, and α -aryl acetamides.

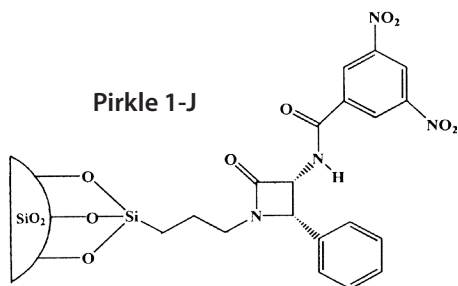
DACH-DNB

The DACH-DNB CSP was designed by Italian chemists Gasparrini, Misiti and Villani at Sapienza University in Rome. The DACH-DNB CSP, which contains the 3,5-dinitrobenzoyl derivative of 1,2-diaminocyclohexane, has been found to resolve a broad range of racemate classes including amides, alcohols, esters, ketones, acids, sulfoxides, phosphine oxides, selenoxides, phosphonates, thiophosphineoxides, phosphineselenides, phosphine-boranes, β -lactams, organo- metallics, atropisomers and heterocycles.



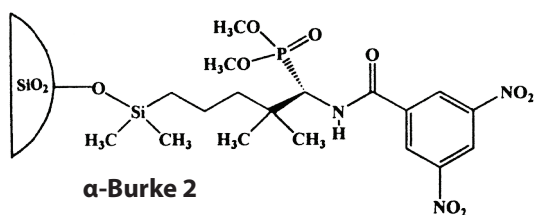
PIRKLE 1-J

The Pirkle 1-J CSP is based on 3-(3,5-Dinitrobenzamido)-4-phenyl- β -lactam. This unusual β -lactam structure significantly alters its molecular recognition properties. The Pirkle 1-J is useful for the direct separation of underivatized β -blocker enantiomers. It can also be used for the separation of the enantiomers of arylpropionic acid NSAIDs as well as other drugs.



α -BURKE 2

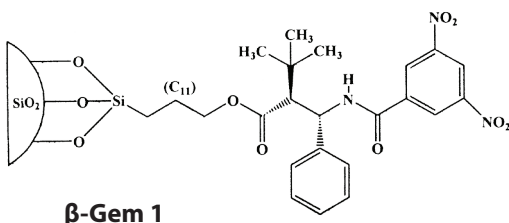
The α -Burke 2 phase, first prepared by J. A. Burke III, a graduate student of Dr. Pirkle, is derived from dimethyl N-3,5-dinitro-benzoyl- α -amino-2,2-dimethyl-4-pentenyl phosphonate. The α -Burke 2 has been specifically designed to directly separate the enantiomers of β -blockers without chemical derivatization, but this chiral phase also resolves the enantiomers of many compounds separated on π -acceptor Pirkle type chiral stationary phases.



B-GEM 1

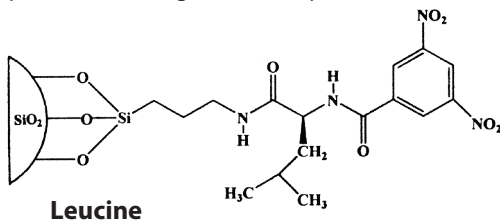
β -Gem 1 is a π -acceptor chiral stationary phase and is derived from N-3,5-dinitrobenzoyl-3-amino-phenyl-2-(1,1-dimethylethyl)-propanoate.

For many analytes, this chiral phase considerably outperforms its widely used analog, Phenylglycine. It can separate anilide derivatives of a wide variety of chiral carboxylic acids, including nonsteroidal anti-inflammatory agents.



LEUCINE

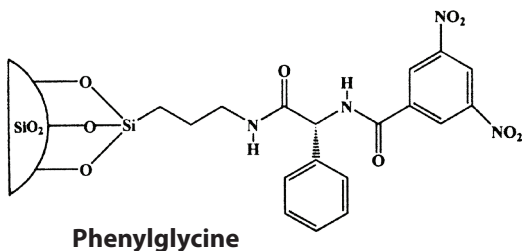
The leucine CSP is based on the 3,5-dinitrobenzoyl derivative of leucine. This π -acceptor phase demonstrates enhanced enantioselectivity for several classes of compounds, including benzodiazapines.



PHENYLGLYCINE

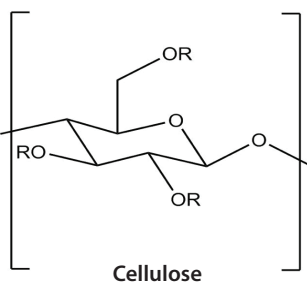
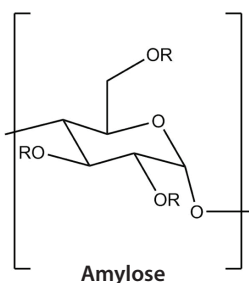
Our Phenylglycine column is based on a 3,5-dinitrobenzoyl derivative of phenylglycine.

This CSP resolves a wide variety of compounds which contain π -basic groups. These include aryl-substituted cyclic sulfoxides, bi- β -naphthol and its analogs, α -indanol and α -tetralol analogs, and aryl-substituted hydantoins.



POLYSACCHARIDE-BASED CHIRAL STATIONARY PHASES

Polysaccharide chiral columns are the most widely used type of chiral stationary phases (CSPs) to separate enantiomers. Reflect chiral columns are rugged polysaccharide phases suitable for a wide range of chiral compounds. Unique, proprietary, phase coverage provides excellent peak shape and improved resolution versus leading chiral phases. High resolution greatly improves preparative loading, leading to greater productivity and higher purity separations.



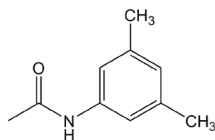
REFLECT IMMOBILIZED POLYSACCHARIDE PHASES

Reflect polysaccharide immobilized chiral columns are made using a unique production process of immobilizing the chiral selector on high purity silica gel. Immobilizing the selector improves the stability of the chiral phase and broadens the range of mobile phase options.

- Rugged, immobilized phase for long column lifetimes
- High efficiency media with excellent peak shape and loading capacity
- Compatible with a broad range of solvents and separation modes (NP, RP, Polar Organic, SFC)
- Fully scalable from 3-20 μm

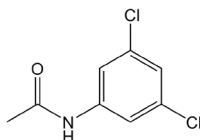
Reflect Immobilized Chiral Selectors

**I-Amylose A
and I-Cellulose B**



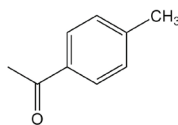
**tris (3,5-
dimethylphenylcarbamate)**

I-Cellulose C



**tris (3,5-
dichlorophenylcarbamate)**

I-Cellulose J



**tris
(4-methylbenzoate)**

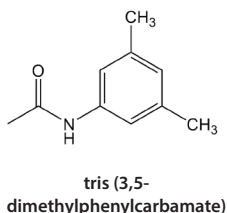
REFLECT COATED POLYSACCHARIDE PHASES

Reflect polysaccharide coated chiral columns are made using a unique production process of coating the chiral selector on high purity silica gel. Reflect chiral phases have been developed to match or exceed performance of legacy polysaccharide chiral columns.

- High efficiency media with excellent peak shape and loading capacity
- Compatible with a wide range of solvents and separation modes (normal phase HPLC and SFC)
- Fully scalable from 3-20 μm

Reflect Immobilized Chiral Selectors

C-Amylose A and
C-Cellulose B



REGISPACK, REGISCELL, & REGISPACK CLA-1 COATED POLYSACCHARIDE PHASES

This line of polysaccharide phases are legacy products, and we recommend developing new separation methods using the Reflect line of polysaccharide columns.

RegisPack® is a polysaccharide-coated chiral phase made by coating a tris-(3,5-dimethylphenyl)carbamoyl amylose chiral selector on high purity silica gel.

RegisCell® is a polysaccharide-coated chiral phase made by coating the chiral selector tris-(3,5-dimethylphenyl) carbamoyl cellulose on high purity silica gel.

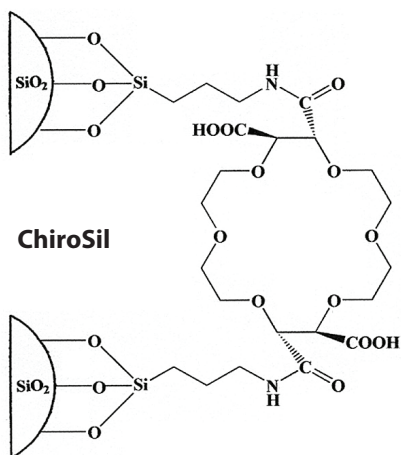
RegisPack® CLA-1 is a polysaccharide-coated, chlorinated phase made with a tris-(5-chloro-2-methylphenyl) carbamoyl amylose chiral selector.

- Polysaccharide chiral columns with broad applicability for the separation of enantiomers
- High pressure limit (450 bar) allows faster runs and equilibration times
- Compatible with normal phase, reversed-phase (RegisPack and RegisCell only), and SFC conditions

CROWN-ETHER CHIRAL STATIONARY PHASES

CHIROSil® RCA(+) AND SCA(-)

The ChiroSil phase is prepared by a covalent trifunctional bonding of (+) or (-)-(18-Crown-6)-tetracarboxylic acid as the chiral selector. This phase, which is available in analytical as well as preparative columns, is an excellent choice for the separation of amino acids and compounds containing primary amines. Like Whelk-O 1, this phase is highly durable, has universal solvent compatibility, and has the ability to invert elution order of enantiomers by switching columns. In the case of amino acids, most L-enantiomers elute first on the ChiroSil RCA(+) and D-enantiomers elute first on the ChiroSil SCA(-) column.



Chirosil Method Development Guidance

General Tip: Aqueous acidic mobile phases are recommended for separation of α -amino acids, primary amines and amino alcohols.

Effect of organic modifier

The complexation of analytes inside the cavity of the 18-crown-6-ring of the CSP is expected to improve as the organic modifier content in the mobile phase increases. Higher organic modifier concentrations decrease the polarity of the mobile phase which drives the protonated amines into the less hydrophobic cavity of the 18-crown-6 ring of the ChiroSil® CSP, where the ionic moiety of the analytes can favorably interact with the lone-pair electrons of the oxygen atoms of the crown ether.

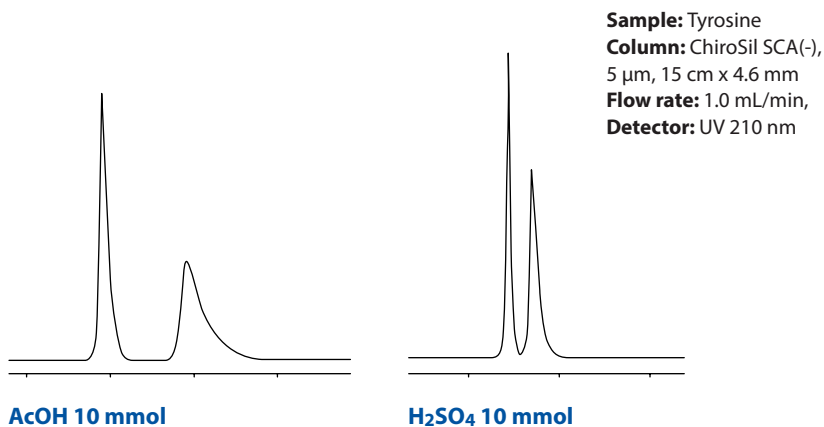
The capacity factor (k') generally decreases as the content of organic modifier increases and the separation factor (α) and the resolution factor (R_s) generally increase as the concentration of organic modifier in the aqueous mobile phase increases.

Effect of acidic modifier and acid concentration

Acidic modifier in the mobile phase plays an important role in protonating α -amino acids and enhancing the diastereomeric complex formation of the ChiroSil® CSP. The enantioselectivity enabled by different acids varies; so, it is recommended that you find the proper acid by screening.

Recommended Acids:

- Acetic Acid
- Perchloric acid
- Sulfuric acid
- Phosphoric acid
- Trifluoroacetic Acid



Acid Concentration

Generally, the capacity factor (k') increases as the concentration of acidic modifier in the mobile phase increases. However, some analytes separate better under low acid concentrations so we recommend testing under both high and low acid conditions.

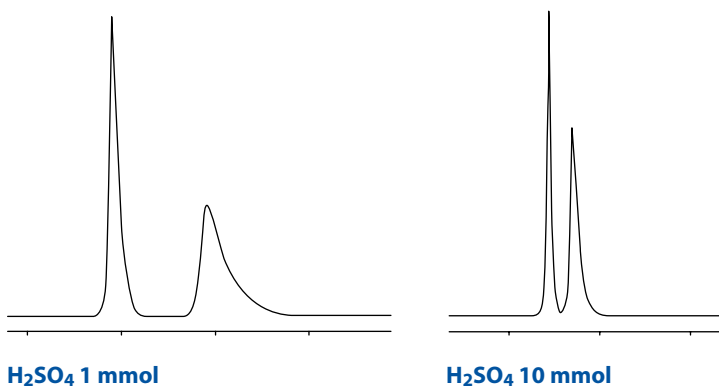
Sample: Tyrosine

Column: ChiroSil SCA(-), 5 μm , 15 cm x 4.6 mm

Mobile phase: 80% MeOH in H_2O + H_2SO_4 (x mM)

Flow rate: 0.8 mL/min

Detector: UV 210 nm



Effect of temperature

At lower temperatures, the formation of the two diastereomeric complexes formed by the two enantiomers of racemic compounds inside the cavity of the crown ether ring is expected to be much more favorable than that of the less stable diastereomeric complex. The difference in the stability of the two diastereomeric complexes increases as the temperature of the column is lowered.

The capacity factor (k'), the separation factor (α) and the resolution factor (R_s) typically improve as the temperature is lowered.

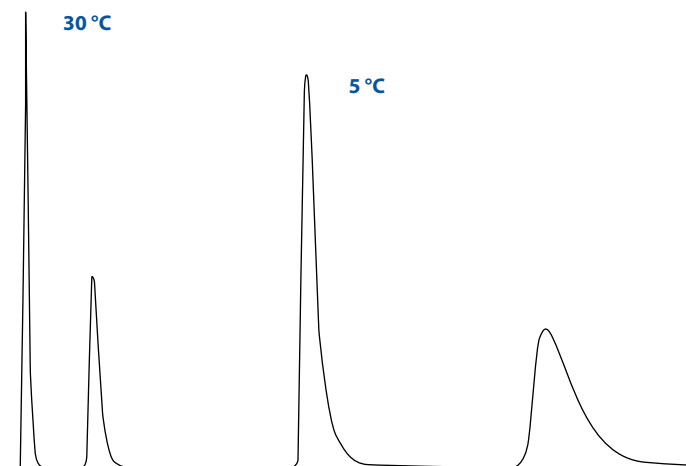
Sample: Phenylglycine

Column: ChiroSil SCA(-), 5 μm , 15 cm x 4.6 mm

Mobile phase: 84% MeOH in H_2O + H_2SO_4 (10 mM)

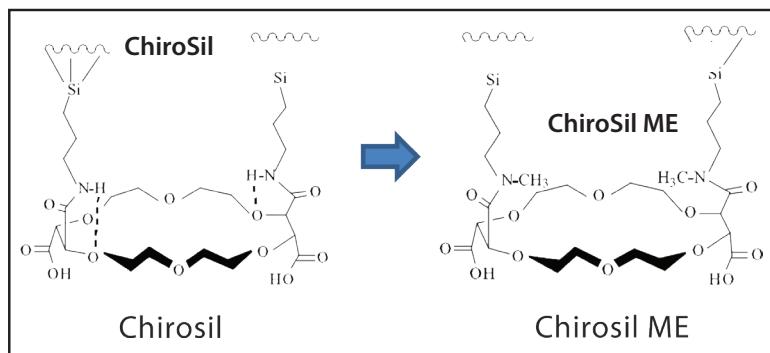
Flow rate: 0.8 mL/min

Detector: UV 210 nm



CHIROSil® ME

In general, the separation factors and resolution factors for analytes on ChiroSil are greater than on ChiroSil ME, while capacity factors on ChiroSil ME are greater than on ChiroSil.



FREQUENTLY ASKED QUESTIONS

Over the past half century, our staff has fielded many questions related to chiral separations. Listed here you will find some frequently asked questions. If you have additional questions regarding chiral chromatography, please feel free to contact Regis directly (techsupport@registech.com) or contact your local distributor.

What are the pressure ratings of Regis columns?

All columns can tolerate pressures up to 6,000 pounds per square inch (psi). 1.8 μ m Whelk-O 1 UHPLC columns can tolerate up to 12,000 psi.

It is very important not to exceed the maximum pressure rating for any HPLC column as you may disrupt the integrity of the silica bed and destroy the column.

Particle Size (μ m)	Length (mm)	Internal Diameter (mm)	Typical Flow Rate (ml/min)	Pressure (psi)
5, 10	250, 150, 100	4.6	1	6,000
5, 10	250, 150, 100	10	4.7	6,000
5, 10	250, 150, 100	21.2	21	6,000
5, 10	250, 150, 100	30	42.5	6,000
5, 10	250, 150, 100	50	118	6,000

Can you reverse Regis columns?

Columns should be operated in the direction designated by the arrow on the column. With extended use and many sample injections, the column inlet may become contaminated. This may be indicated by a loss of performance or a rise in operating pressure. In such cases, you can reverse the column and flush it with a strong solvent (e.g. ethanol) at a low flow rate in effort to clean the column and restore its performance.

What is the pH range of Regis chiral columns?

All of Regis' chiral phases are bonded on silica. The general recommended pH range is 2.5 to 7.5. Limited usage outside of this pH range can be tolerated, but extended usage outside of the range will decrease column life. Refer to columns' Care & Use guides for more specific recommendations per phase.

Can Regis columns be used with normal- and reversed-phase solvents?

Yes, all Regis CSPs can be used with both normal and reversed-phase solvents, but some restrictions exist for coated polysaccharide phases. Generally, the Pirkle-Type CSPs will give better separations in normal phase mode. However, there are numerous examples of separations in reversed-phase mode that outperform those in normal phase mode. With coated polysaccharide phases, such as coated Reflect phases, no more than 90% water should be used.

Can I use the same column for reversed-phase and normal phase solvent systems while doing method development?

Yes you may, for Whelk-O 1, immobilized Reflect, and ChiroSil but not for any coated polysaccharide phases. When switching between phases, make sure you completely flush out the column with a miscible solvent, such as IPA or ethanol. We recommend at least 20 column volumes.

How long does it take Regis columns to equilibrate?

The column should be equilibrated after about 20 column volumes. When you are switching from normal- to reversed-phase solvent systems and vice-versa, flush the column with a miscible solvent for 20 column volumes. It should take another 20 column volumes to equilibrate. The equilibration volumes may vary depending on the composition of the mobile phase. In some cases polysaccharide (immobilized and coated) can take longer to equilibrate especially when changing between alcohol based mobile phases.

Do you always need a modifier in the mobile phase?

No. Modifiers can be used to improve peak shape and resolution when the samples are extremely basic or acidic in nature. Acetic Acid or ammonium acetate are recommended for acidic compounds, and triethylamine, diethylamine, or ammonium acetate are recommended for basic compounds. Usually 0.1% modifier is all that is required.

Note: Although TFA may be used as a modifier, its use should be limited. Acetic Acid usually works as well as TFA.

Can I dilute my sample in a solvent other than mobile phase?

It is best to dissolve a sample in mobile phase whenever possible. If the sample is not fully soluble in the mobile phase, precautions should be taken when injecting a sample dissolved in a stronger solvent than mobile phase. Once the sample comes in contact with the less solubilizing mobile phase, precipitation can occur. To improve solubility, often dichloromethane (DCM) mixtures are used. If there are solubility issues with any of the immobilized or pirkle type phases, there should be no issues with stability of the column, however, there is a chance the column could become clogged. If this occurs, we suggest reversing the column and flushing with a compatible mobile phase that provides good solubility.

What solvent restrictions are there for immobilized Reflect columns?

There are no common solvents that will damage the Reflect immobilized columns. Most organic solvents, including hexane or heptane/alcohols, methanol, isopropanol, ethanol, acetonitrile, dichloromethane, chloroform, tetrahydrofuran, ethyl acetate, acetone, methyl acetate, MTBE, dimethylformamide, dimethylacetamide, etc. are perfectly compatible and suitable for use.

Does my compound need an aromatic ring to achieve separation on a Pirkle-type chiral column?

In most cases, yes. Chiral recognition occurs at binding sites. The potential π - π interaction that can occur between the aromatic rings on the chiral selector and the aromatic ring on the sample is a major factor in achieving selectivity. Binding does occur at other sites such as acidic sites, basic sites and steric interaction sites. This is why you do not always need a ring, but by far, the π - π interaction is the major binding site.

Can I use Regis columns in polar organic mode?

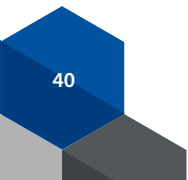
Yes, but the success rate for polar organic separations tends to be very poor. We do not recommend exclusively running in polar organic mode. Instead, we suggest adding other column chemistries (phases) to your normal phase system to achieve a higher success rate.

What sample loading can I expect from Regis chiral columns?

The typical loading range with relative retentions (alpha) greater than 1.3 is ~4-16 mg of sample per gram of packing. Below are typical loadings for some of the different column sizes:

- Analytical column, 25 cm x 4.6 mm, ~3.5 grams of packing, loading is 14-56 mg/injection
- Semi-prep column, 25 cm x 10.0 mm, ~16 grams of packing, loading is 64-256 mg/injection
- Prep column, 25 cm x 21.1 mm, ~72.5 grams of packing, loading is 288-1,152 mg/injection

Note: Factors, such as solubility, will greatly affect loading capacity.



HPLC & SFC

Chiral Applications

HPLC & SFC CHIRAL APPLICATIONS

The following pages contain more than 950 chiral applications using a variety of chiral column types and separation modes (normal and reversed-phase HPLC, and SFC). Each application provides column and method information for separating a diverse range of chiral compounds.

Applications are listed alphabetically by compound name. If you don't find your compound listed, please visit our online database for the most up-to-date applications or contact us to learn more about our free chiral screening service.

The applications found in this handbook have been run using the following columns:

COLUMN	SIZE	(R,R) PART NUMBER	(S,S) PART NUMBER
Whelk-O 1	3.5 μ m, 25 cm x 4.6 mm	1-780223-300	1-780123-300
	5 μ m, 25 cm x 4.6 mm	1-780201-300	1-780101-300
	10 μ m, 25 cm x 4.6 mm	1-786515-300	1-786615-300
Reflect I-Amylose A*	5 μ m, 25 cm x 4.6 mm	1-591204-300	
Reflect I-Cellulose B*	5 μ m, 25 cm x 4.6 mm	1-592204-300	
Reflect I-Cellulose C*	5 μ m, 25 cm x 4.6 mm	1-593204-300	
Reflect I-Cellulose J*	5 μ m, 25 cm x 4.6 mm	1-594204-300	
Reflect C-Amylose A*	5 μ m, 25 cm x 4.6 mm	1-580204-300	
Reflect C-Cellulose B*	5 μ m, 25 cm x 4.6 mm	1-590204-300	
Alpha-Burke 2†	5 μ m, 25 cm x 4.6 mm	1-735035-300	1-735037-300
Beta-Gem 1	5 μ m, 25 cm x 4.6 mm	1-731043-300	1-731029-300
DACH-DNB	5 μ m, 25 cm x 4.6 mm	1-788101-300	1-788201-300
Leucine‡	5 μ m, 25 cm x 4.6 mm	1-731054-300	1-731041-300
Phenylglycine‡	5 μ m, 25 cm x 4.6 mm	1-731021-300	1-731024-300
Pirkle 1-J§	5 μ m, 25 cm x 4.6 mm	1-731044-300	1-731045-300
ULMO	5 μ m, 25 cm x 4.6 mm	1-787200-300	1-787100-300
	10 μ m, 25 cm x 4.6 mm	1-787400-300	1-787300-300
Whelk-O 2	10 μ m, 25 cm x 4.6 mm	1-786446-300	1-786415-300
ChiroSil	5 μ m, 15 cm x 4.6 mm	1-799001-300	1-799101-300
ChiroSil ME	5 μ m, 15 cm x 4.6 mm	1-788001-300	1-788009-300
RegisPack*	3 μ m, 25 cm x 4.6 mm	1-783504-300	
	5 μ m, 25 cm x 4.6 mm	1-783104-300	
RegisCell*	3 μ m, 25 cm x 4.6 mm	1-784504-300	
	5 μ m, 25 cm x 4.6 mm	1-784104-300	
RegisPack CLA-1*	3 μ m, 15 cm x 4.6 mm	1-793503-300	
	5 μ m, 25 cm x 4.6 mm	1-793104-300	

* (R,R) and (S,S) not applicable † Available in (R) and (S) ‡ Available in D- and L-
§ Available in (3R,4S) and (3S,4R) || Available in RCA and SCA

Columns with (R,R) and (S,S) configurations provide the same separation but in inverse elution order. All columns are available in analytical to preparative sizes with custom sizes offered for most. For more information, visit www.chiral.com.

FREE CHIRAL SCREENING

Don't know where to start? Let us find the best column and method for your compound! A Regis chiral separations expert will develop a chiral separation method tailored to your analytical or preparative separation project, usually within three days.

3 Steps + 3 Days = Results

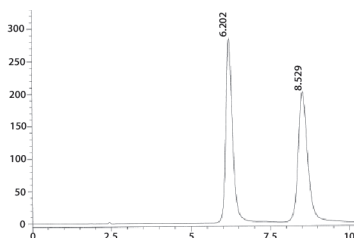
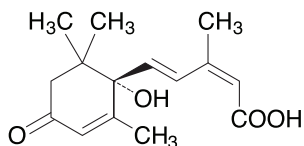
1. Execute a CDA, if desired. Regis has a premade template to assist with this step.
2. Complete a sample submission form, which includes health and safety information for your compound.
3. Submit a small amount of sample for screening. Regis will screen your sample across our full range of chiral stationary phases. Results are typically returned within three business days.

Tech Tip

Don't see the compound you are looking for? Visit www.chiral.com to search our online database of applications. Our separations team is constantly adding new applications to our searchable database. Alternatively, contact one of experts directly at techsupport@registech.com.

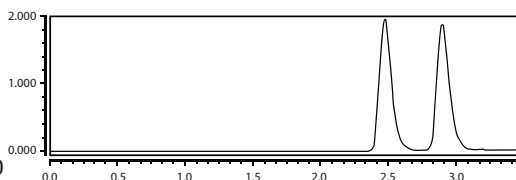
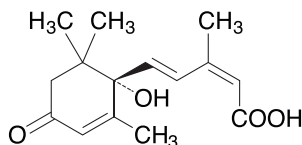
Absciscic Acid

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/IPA + 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.21
 α : 1.55
CAS #: 21293-29-8
Catalog #: 1-780101-300,
1-780201-300



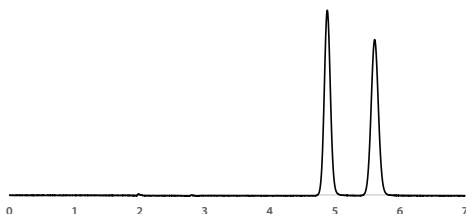
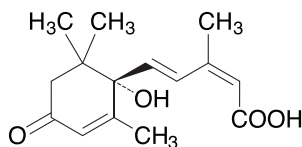
Absciscic Acid

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
 CO_2 /Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 2.30
 α : 1.25
Catalog #: 1-780101-300



Absciscic Acid

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15/0.1)
Hexane/Ethanol/Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.44
 α : 1.25
CAS#: 14375-45-2
Catalog #: 1-592204-300



Absciscic Acid

Column: Reflect I-Cellulose C,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

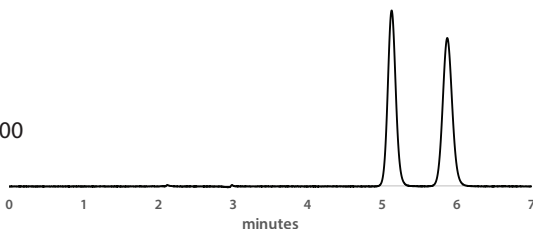
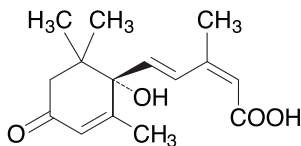
Detection: UV 254 nm

k': 1.56

α : 1.24

CAS#: 14375-45-2

Catalog #: 1-593204-300



Absciscic Acid

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20/0.5)

Hexane/IPA/HOAc

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 5 min

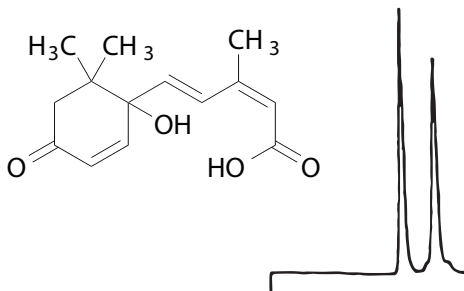
k': 1.58

α : 1.39

Reference: 9

Catalog #: 1-780101-300,

1-780201-300



Absciscic Acid

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20/0.5)

Hexane/IPA/HOAc

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 5 min

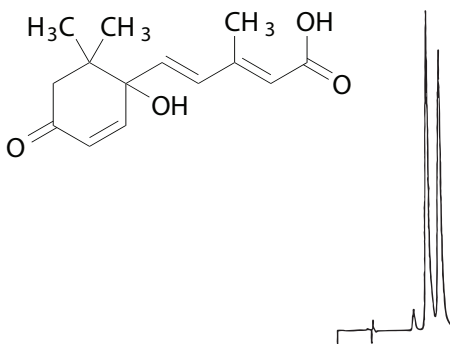
k': 2.08

α : 1.21

Reference: 9

Catalog #: 1-780101-300,

1-780201-300



ABA Methyl Ester

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20/0.5)
Hexane/IPA/HOAc

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

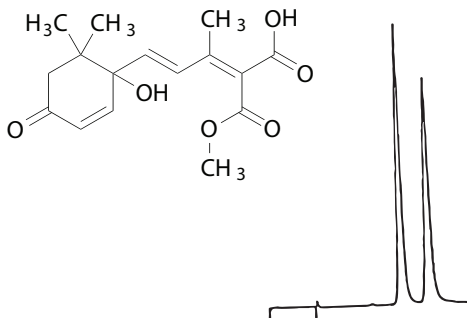
Run Time: 5 min

k': 2.41

α : 1.31

Reference: 9

Catalog #: 1-780101-300,
1-780201-300



Acenaphthenol

Column: (R,R) ULMO,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)
Hexane/IPA

Flow Rate: 1.0 mL/min

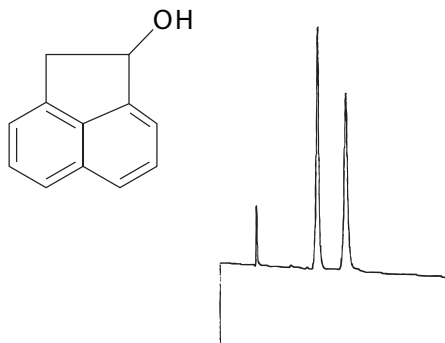
Detection: UV 254 nm

Run Time: 10 min

k': 1.68

α : 1.46

Catalog #: 1-787200-300



1-Acenaphthenol

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)
Hexane/IPA

Flow Rate: 1.5 mL/min

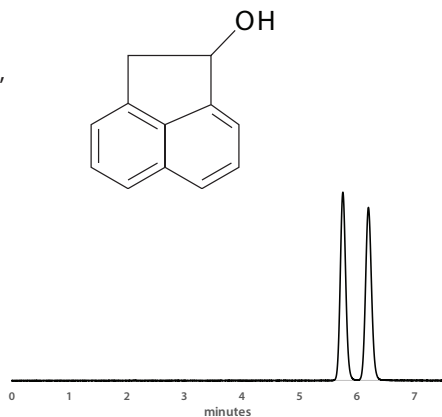
Detection: UV 290 nm

k': 0.86

α : 1.13

CAS #: 6306-07-6

Catalog #: 1-591204-300



1-Acenaphthenol

Column: Reflect I-Cellulose C,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/IPA

Flow Rate: 1.5 mL/min

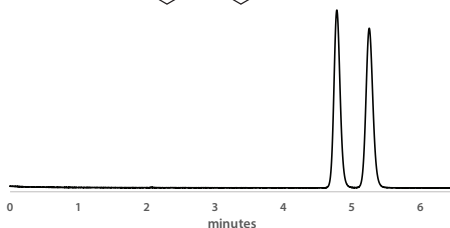
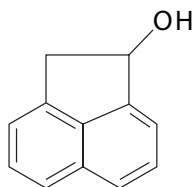
Detection: UV 290 nm

k': 1.38

α : 1.17

CAS #: 6306-07-6

Catalog #: 1-593204-300



1-Acenaphthenol

Column: Reflect C-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/IPA

Flow Rate: 1.5 mL/min

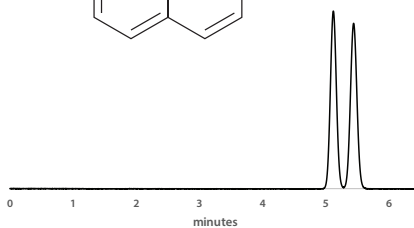
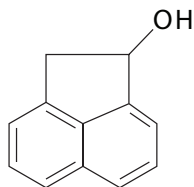
Detection: UV 290 nm

k': 1.55

α : 1.10

CAS #: 6306-07-6

Catalog #: 1-580204-300



1-Acenaphthenol

Column: RegisCell,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)

CO₂/IPA

Flow Rate: 4.0 mL/min

Pressure: 125 bar

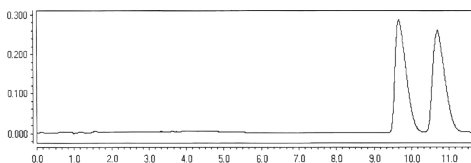
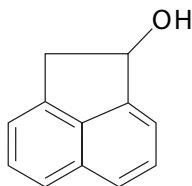
Detection: UV 254 nm

Temperature: 40 °C

k': 11.89

α : 1.11

Catalog #: 1-784104-300



1'-Acetoxychavicol Acetate

Column: (R,R) Whelk-O 1,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)
Hexane/IPA

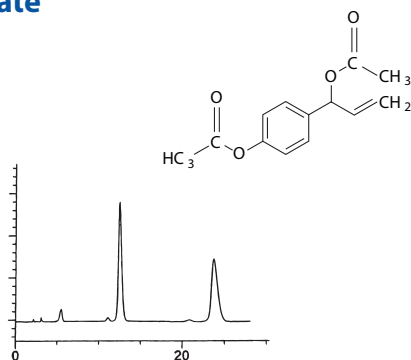
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 5.94

α : 2.05

Catalog #: 1-786515-300



Adam's Acid Diethylamide

Column: (3R,4S) Pirkle 1-J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)
Hexane/IPA

Flow Rate: 1.0 mL/min

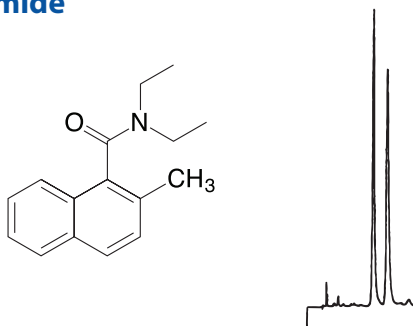
Detection: UV 254 nm

Run Time: 17.0 min

k': 4.11

α : 1.27

Catalog #: 1-731044-300



CBZ-DL-Alanine

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

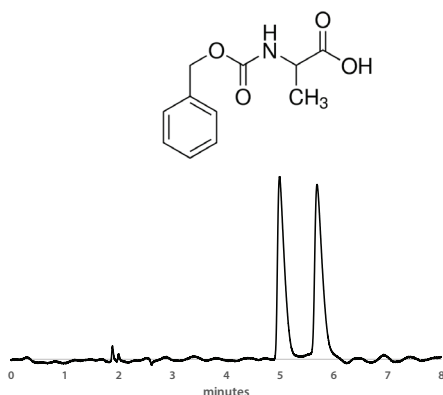
Detection: UV 220 nm

k': 1.49

α : 1.23

CAS #: 4132-86-9

Catalog #: 1-592204-300



CBZ-DL-Alanine

Column: Reflect C-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15/0.1)

Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

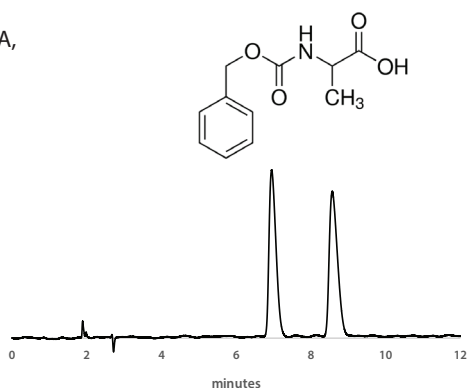
Detection: UV 220 nm

k': 2.47

α : 1.33

CAS #: 4132-86-9

Catalog #: 1-580204-300



CBZ-DL-Alanine

Column: Reflect C-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15/0.1)

Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

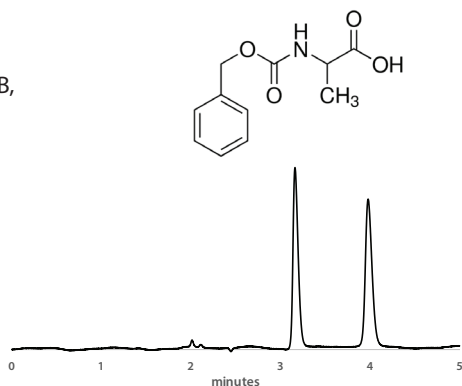
Detection: UV 220 nm

k': 0.58

α : 1.70

CAS #: 4132-86-9

Catalog #: 1-590204-300



DL-Alanine

Column: ChiroSil ME RCA(+),

5 μm , 25 cm x 4.6 mm

Mobile Phase: (50/50)

5mM HClO₄ Acid/MeOH

Flow Rate: 0.5 mL/min

Temperature: 20 °C

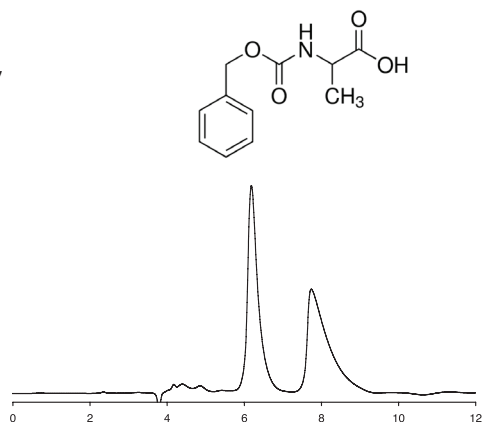
Detection: UV 210 nm

k': 0.63

α : 1.65

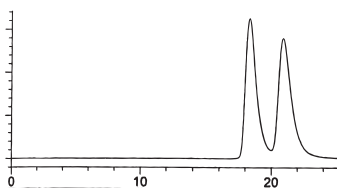
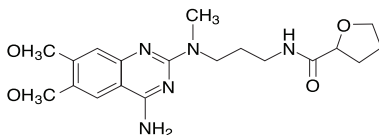
Rs: 3.96

Catalog #: 1-788002-300



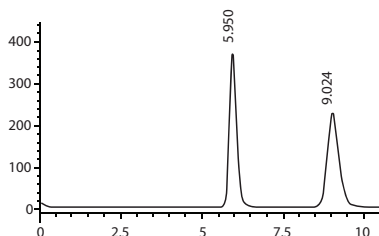
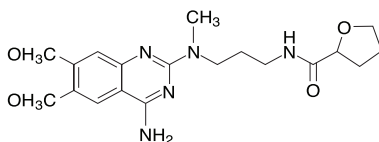
Alfuzosin

Column: (R,R) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (68/28/4)
Hexane/ CH_2Cl_2 /Ethanol
+ 4 mM Ammonium Acetate
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
 k' : 7.37
 α : 1.15
Catalog #: 1-786515-300



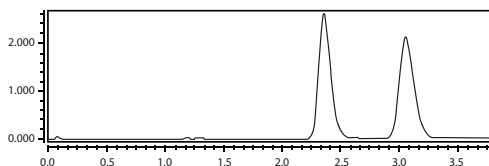
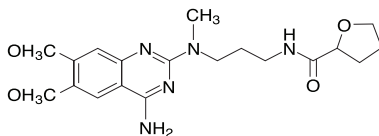
Alfuzosin

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
 k' : 2.13
 α : 1.76
CAS #: 81403-80-7
Catalog #: 1-783104-300



Alfuzosin

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (65/35) CO_2 /
Ethanol + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
 k' : 2.15
 α : 1.43
CAS #: 81403-80-7
Catalog #: 1-783104-300



Alprenolol

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)
Hexane/IPA/DEA

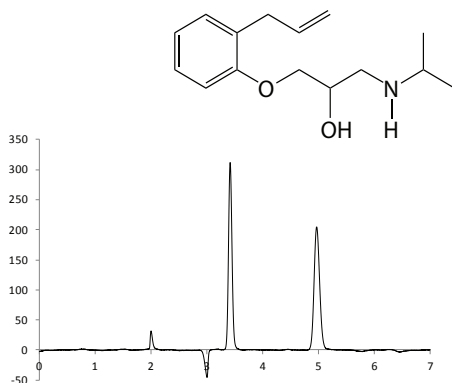
Flow Rate: 1.5 mL/min

Detection: UV 230 nm

k': 0.78

α : 1.59

Catalog #: 1-592204-300



Alprenolol

Column: RegisCell,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

CO_2 /IPA + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

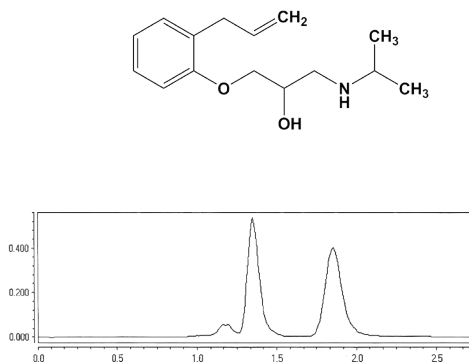
Pressure: 125 bar

Detection: UV 254 nm

k': 0.80

α : 1.85

Catalog #: 1-784104-300



Alprenolol

Column: α -Burke 2,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/5/5) CH_2Cl_2 /

EtOH/MeOH 10 mM NH_4OAc

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

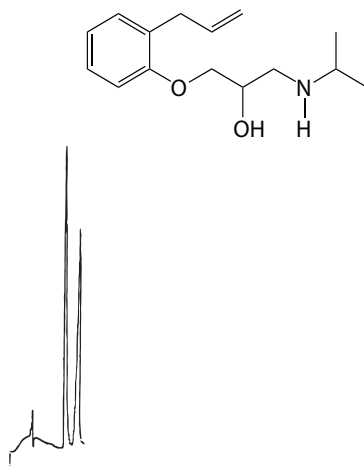
Run Time: 10 min

k': 1.44

α : 1.44

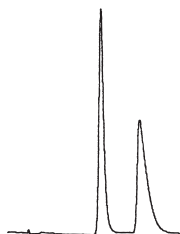
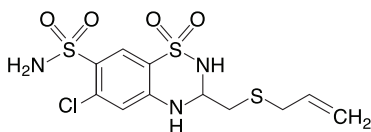
Reference: 33

Catalog #: 1-735035-300,
1-735037-300



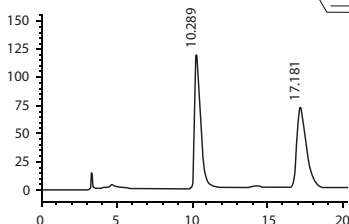
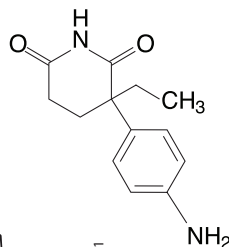
Althiazide

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/IPA + 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 13.0 min
k': 3.94
 α : 1.53
Catalog #: 1-787100-300



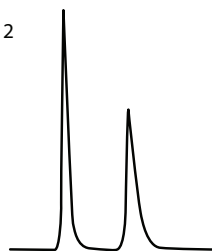
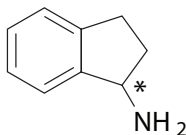
Aminogluthethimide

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100%
Ethanol
Flow Rate: 1.0 mL/min
Detection: UV 220 nm
k': 2.55
 α : 1.93
CAS #: 125-84-8
Catalog #: 1-783104-300



1-Aminoindan

Column: ChiroSil,
5 μm , 15 cm x 4.6 mm
Mobile Phase: (84/16)
CH₃OH/H₂O + 5 mM HClO₄
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Run Time: 4.8 min
k': 1.44
 α : 1.91
Catalog #: 1-799001-300,
1-799101-300



Amlodipine

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (46/46/8)
 CH_2Cl_2 /Hexane/Ethanol +
0.01 M Ammonium Acetate

Flow Rate: 1.5 mL/min

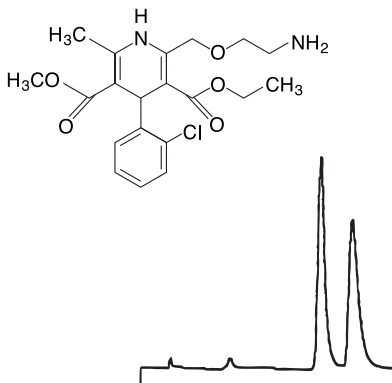
Detection: UV 254 nm

Run Time: 13.0 min

k': 5.13

α : 1.22

Catalog #: 1-780201-300



Anatoxin-A

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)
Hexane/Ethanol + 0.1%TFA

Flow Rate: 1.5 mL/min

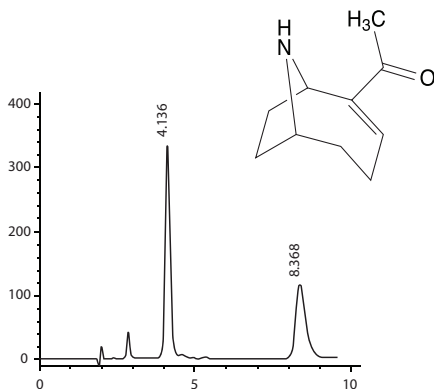
Detection: UV 227 nm

k': 0.30

α : 4.35

CAS #: 64285-06-9

Catalog #: 1-780101-300,
1-780201-300



Anatoxin-A

Column: RegisCell,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15)
Hexane/IPA + 0.1% DEA

Flow Rate: 1.5 mL/min

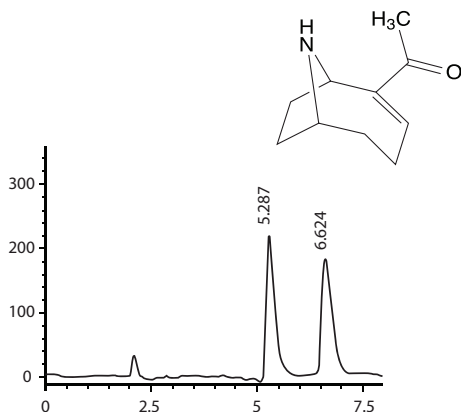
Detection: UV 227 nm

k': 1.74

α : 1.40

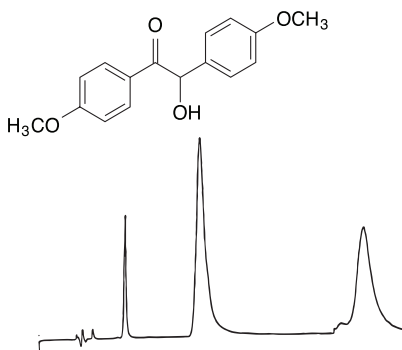
CAS #: 64285-06-9

Catalog #: 1-784104-300



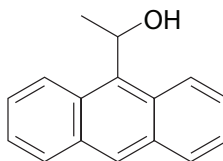
Anisoin

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20/0.5)
Hexane/IPA/HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
k': 3.07
 α : 2.34
Catalog #: 1-780101-300,
1-780201-300



9-Anthrylethanol

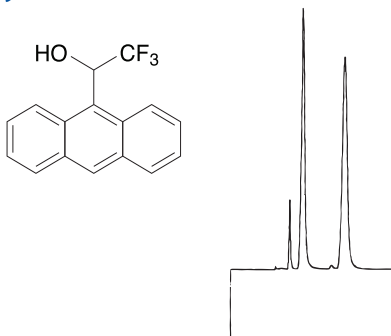
Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Heptane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 215 nm
Run Time: 12 min
k': 1.82
 α : 1.74
Reference: 48
Catalog #: 1-787100-300



No chromatogram available.

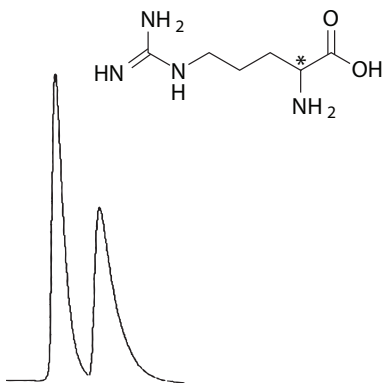
9-Anthryl Trifluoromethyl Carbinol

Column: (R,R) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 10 min
k': 1.36
 α : 2.02
Catalog #: 1-787200-300



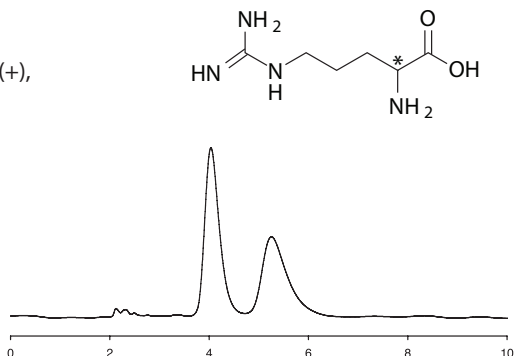
DL-Arginine

Column: ChiroSil,
5 μm , 15 cm x 4.6 mm
Mobile Phase: (84/16)
 $\text{CH}_3\text{OH}/\text{H}_2\text{O}$
+10 mM H_2SO_4
Flow Rate: 0.8 mL/min
Detection: UV 210 nm
Run Time: 4.9 min
k': 1.21
 α : 1.64
Catalog #: 1-799001-300,
1-799101-300



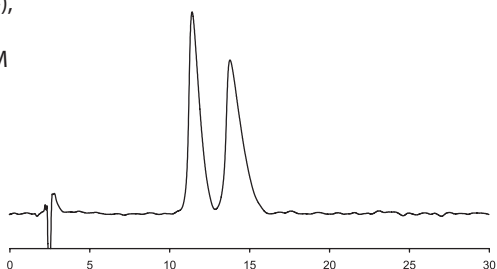
DL-Arginine

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (50/50)
5 mM HClO_4 Acid/ MeOH
Flow Rate: 0.5 mL/min
Detection: UV 210 nm
Temperature: 10 $^\circ\text{C}$
k': 0.66
 α : 1.40
Catalog #: 1-788001-300



DL- Asparagine

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (20/80) 5mM
Sulfonic Acid/ MeOH
Flow Rate: 0.8 mL/min
Detection: UV 210 nm
Temperature: 25 $^\circ\text{C}$
k': 3.63
 α : 1.22
Catalog #: 1-788001-300



Atenolol

Column: Reflect I-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (60/40/0.1)

Hexane/IPA/DEA

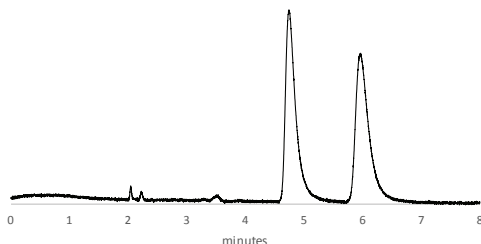
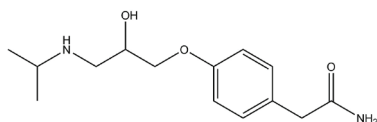
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 1.37

α : 1.45

Catalog #: 1-592204-300



Atenolol

Column: Reflect C-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (60/40/0.1)

Hexane/IPA/DEA

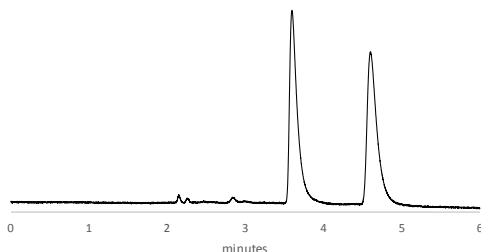
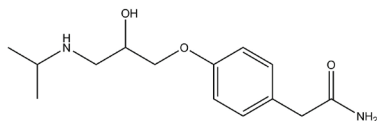
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 0.79

α : 1.63

Catalog #: 1-590204-300



Atenolol

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

CO₂/CH₃OH + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

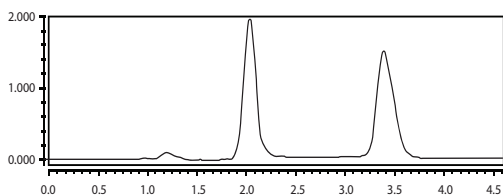
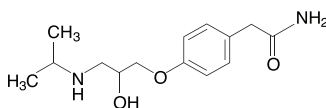
Pressure: 150 bar

Detection: UV 220 nm

k': 1.72

α : 2.05

Catalog #: 1-784104-300



Atenolol

Column: α -Burke 2,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/10/5)

$\text{CH}_2\text{Cl}_2/\text{EtOH}/\text{MeOH}$

15 mM NH_4OAc

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

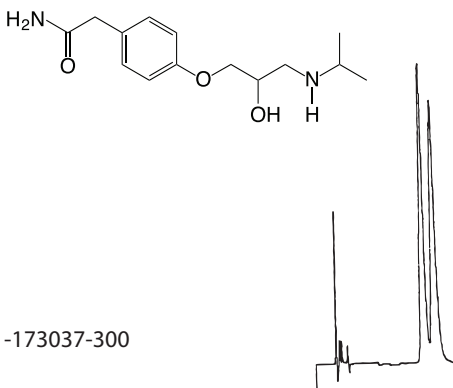
Run Time: 16 min

k': 4.41

α : 1.13

Reference: 33

Catalog #: 1-735035-300, 1-173037-300



Atropine

Column: Reflect I-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35/0.1)

Hexane/Chloroform/

Ethanolamine

Flow Rate: 1.5 mL/min

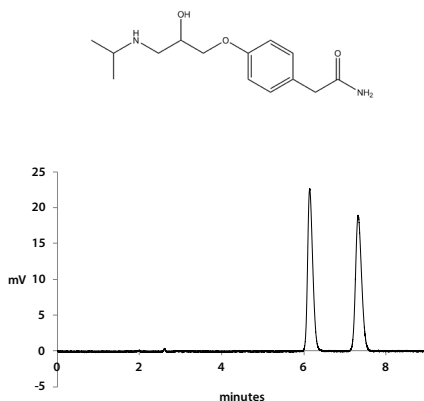
Detection: UV 258 nm

k': 2.20

α : 1.28

CAS #: 51-55-8

Catalog #: 1-592204-300



Azelastine

Column: (S,S) Whelk-O 2,

10 μm , 25 cm x 4.6 mm

Mobile Phase: (47/47/6)

Hexane/ CH_2Cl_2 /Ethanol

+ 0.1% TEA + 6mM

Ammonium Acetate

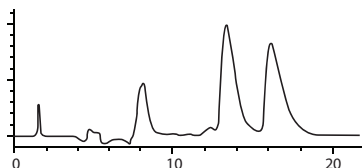
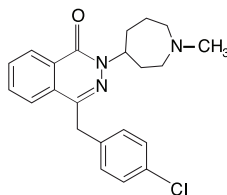
Flow Rate: 2.0 mL/min

Detection: UV 254 nm

k': 8.51

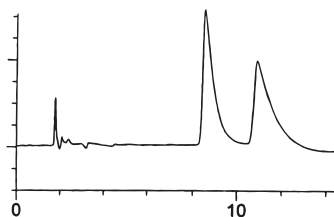
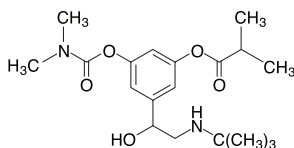
α : 1.24

Catalog #: 1-786415-300



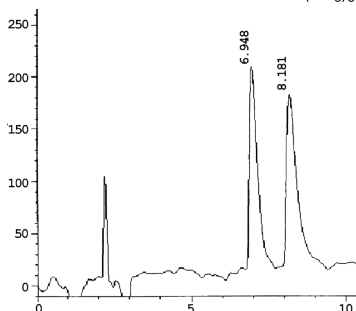
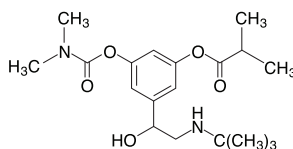
Bambuterol

Column: (R,R) α -Burke 2,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (40/40/20)
Hexane/Methylene
Chloride/Ethanol + 20 mM
Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 3.74
 α : 1.35
Catalog #: 1-735035-300



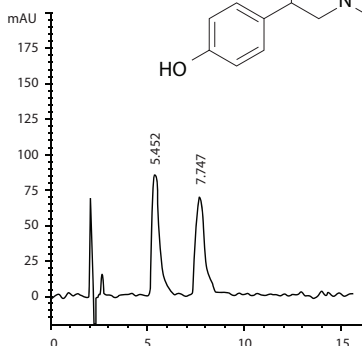
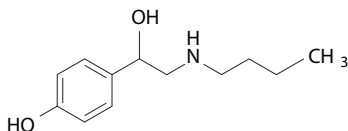
Bambuterol

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (92/8)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 2.60
 α : 1.25
CAS #: 81732-65-2
Catalog #: 1-783104-300



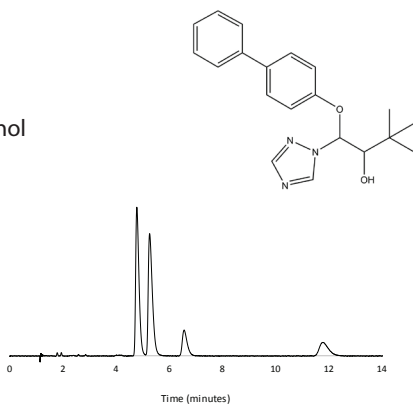
Bamethane

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (88/12)
Hexane/IPA + 0.1%TFA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 1.87
 α : 1.65
CAS #: 3703-79-5
Catalog #: 1-783104-300



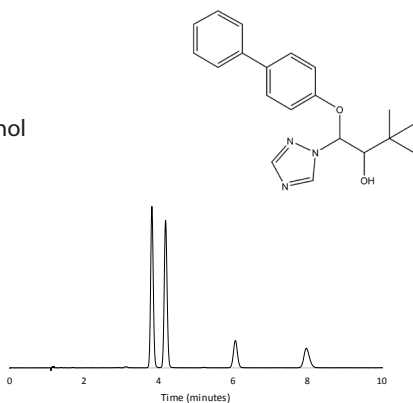
Baycor

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10) CO₂/Methanol
Flow Rate: 3.0 mL/min
Detection: UV 210 nm
Temperature: 30 °C
Pressure: 150 bar
k': 4.78
 $\alpha_{1,2}$: 1.12
 $\alpha_{2,3}$: 1.30
 $\alpha_{3,4}$: 1.94
CAS #: 55179-31-2
Catalog #: 1-591204-300



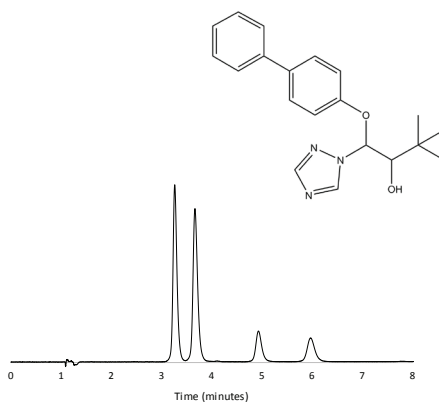
Baycor

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10) CO₂/Methanol
Flow Rate: 3.0 mL/min
Detection: UV 210 nm
Temperature: 30 °C
Pressure: 150 bar
k': 2.81
 $\alpha_{1,2}$: 1.13
 $\alpha_{2,3}$: 1.59
 $\alpha_{3,4}$: 1.38
CAS #: 55179-31-2
Catalog #: 1-592204-300



Baycor

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15) CO₂/IPA
Flow Rate: 3.0 mL/min
Detection: UV 210 nm
Temperature: 30 °C
Pressure: 150 bar
k': 2.26
 $\alpha_{1,2}$: 1.18
 $\alpha_{2,3}$: 1.47
 $\alpha_{3,4}$: 1.26
CAS #: 55179-31-2
Catalog #: 1-594204-300



Baycor

Column: Reflect C-Amylose A,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15) CO₂/(25/75)
Methanol/IPA

Flow Rate: 3.0 mL/min

Detection: UV 210 nm

Temperature: 30 °C

Pressure: 150 bar

k': 3.83

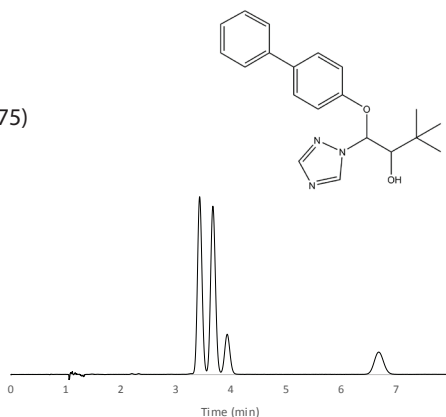
$\alpha_{1,2}$: 1.10

$\alpha_{2,3}$: 1.15

$\alpha_{3,4}$: 1.99

CAS #: 55179-31-2

Catalog #: 1-580204-300



Baycor

Column: Reflect C-Cellulose B,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10) CO₂/Methanol

Flow Rate: 3.0 mL/min

Detection: UV 210 nm

Temperature: 30 °C

Pressure: 150 bar

k': 1.80

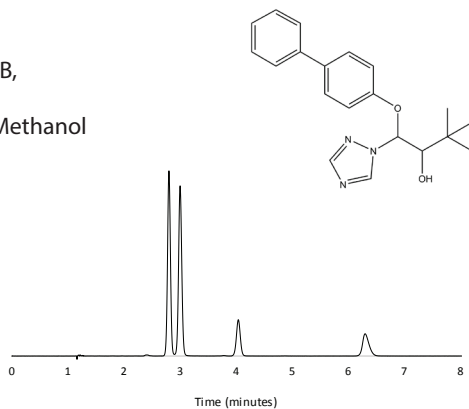
$\alpha_{1,2}$: 1.11

$\alpha_{2,3}$: 1.52

$\alpha_{3,4}$: 1.74

CAS #: 55179-31-2

Catalog #: 1-590204-300



Baytan

Column: Reflect I-Amylose A,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20) CO₂/IPA

Flow Rate: 3.0 mL/min

Detection: UV 210 nm

Temperature: 30 °C

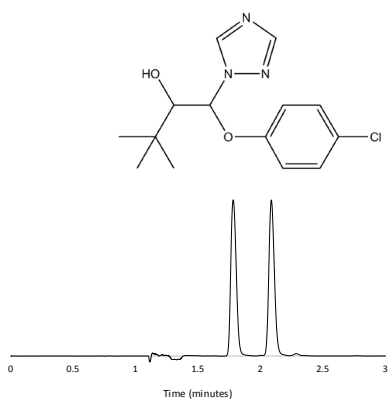
Pressure: 150 bar

k': 0.78

$\alpha_{1,2}$: 1.39

CAS #: 55219-65-3

Catalog #: 1-592204-300



Baytan

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Detection: UV 210 nm

Temperature: 30 $^\circ\text{C}$

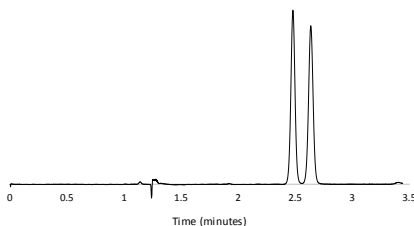
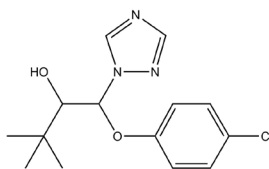
Pressure: 150 bar

k' : 1.47

$\alpha_{1,3}$: 1.11

CAS #: 55219-65-3

Catalog #: 1-590204-300



Baytan

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)
Hexane/Ethanol

Flow Rate: 2.0 mL/min

Detection: UV 220 nm

k'_1 : 2.73

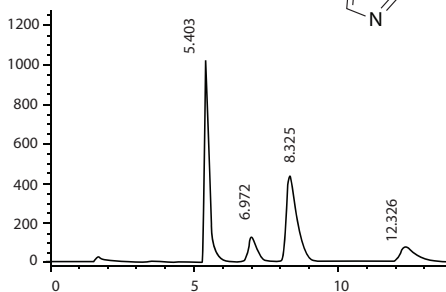
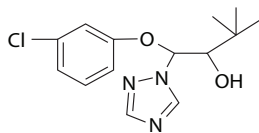
k'_2 : 3.81

$\alpha_{1,3}$: 1.74

$\alpha_{2,4}$: 1.97

CAS #: 55219-65-3

Catalog #: 1-783104-300



Benalaxyl

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)
Hexane/IPA

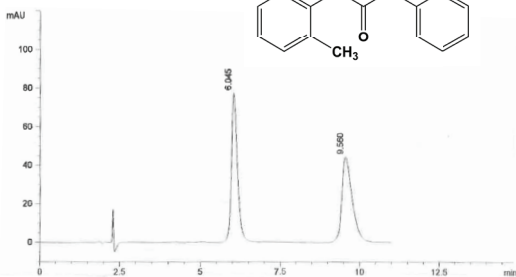
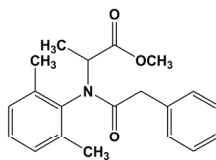
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k'_1 : 2.18

α : 1.85

Catalog #: 1-780101-300



Benalaxyl

Column: (S,S) Whelk-O 1,
3.5 μm , 15 cm x 4.6 mm

Mobile Phase: (70/30)
Hexane/IPA

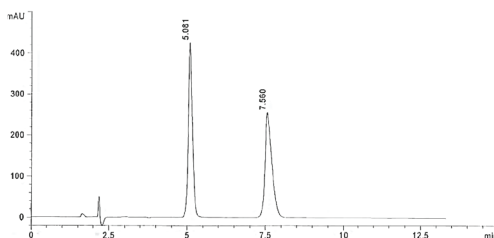
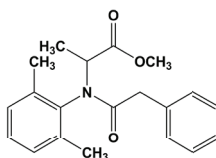
Flow Rate: 1.0 mL/min

Detection: UV 254 nm

k': 1.92

α : 1.74

Catalog #: 1-780122-300



Bendroflumethiazide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (50/50)
Hexane/IPA

Flow Rate: 1.0 mL/min

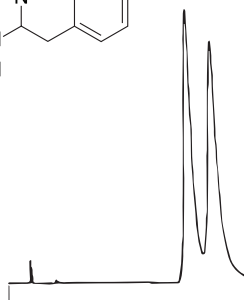
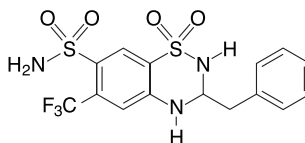
Detection: UV 220 nm

k': 7.89

α : 1.16

Run Time: 30 min

Catalog #: 1-780101-300,
1-780201-300



Bendroflumethiazide

Column: (R,R) ULMO,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)
Hexane/IPA

Flow Rate: 1.0 mL/min

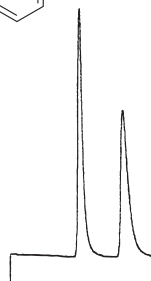
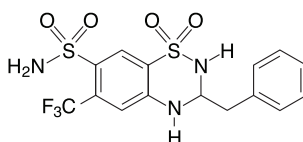
Detection: UV 254 nm

Run Time: 18 min

k': 2.99

α : 1.84

Catalog #: 1-787200-300



Benfluorex

Column: Reflect C-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1) Hexane/
IPA/DEA

Flow Rate: 1.5 mL/min

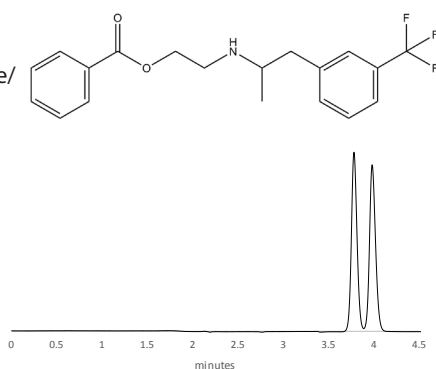
Detection: UV 254 nm

k': 0.89

α : 1.11

CAS #: 23602-78-0

Catalog #: 1-590204-300



Benzoin

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (60/40)
Hexane/IPA

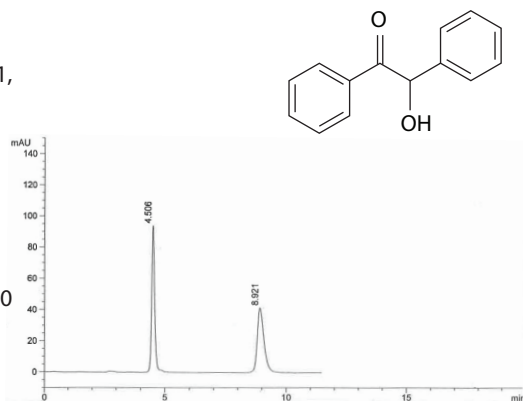
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 1.33

α : 2.71

Catalog #: 1-780101-300



Benzoin

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20/0.5)

Hexane/IPA/HOAc

Flow Rate: 1.0 mL/min

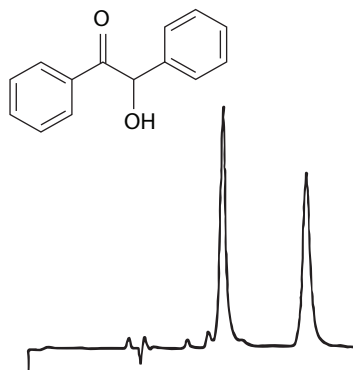
Detection: UV 254 nm

k': 0.86

α : 1.97

Reference: 7

Catalog #: 1-780101-300,
1-780201-300



Benzoin

Column: (S,S) Whelk-O 1,

3.5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/IPA

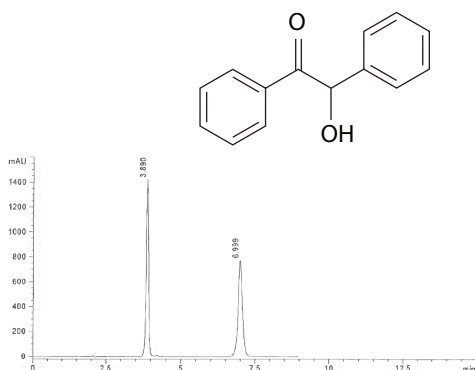
Flow Rate: 1.0 mL/min

Detection: UV 254 nm

k': 2.44

α : 1.24

Catalog #: 1-780101-300



Benzoin

Column: Reflect I-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

Flow Rate: 1.5 mL/min

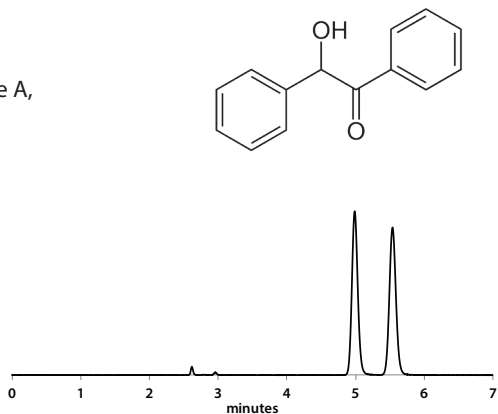
Detection: UV 254 nm

k': 1.49

α : 1.18

CAS #: 119-53-9

Catalog #: 1-591204-300



Benzoin

Column: Reflect I-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/IPA

Flow Rate: 1.5 mL/min

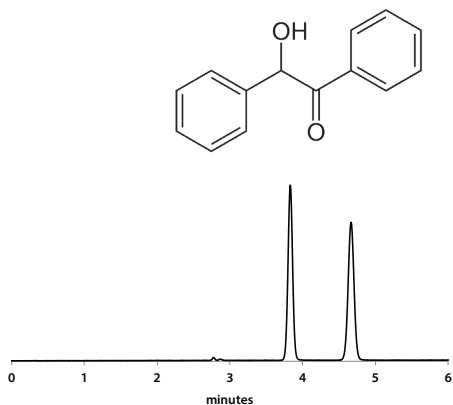
Detection: UV 254 nm

k': 0.91

α : 1.46

CAS #: 119-53-9

Catalog #: 1-592204-300



Benzoin

Column: Reflect C-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

Flow Rate: 1.5 mL/min

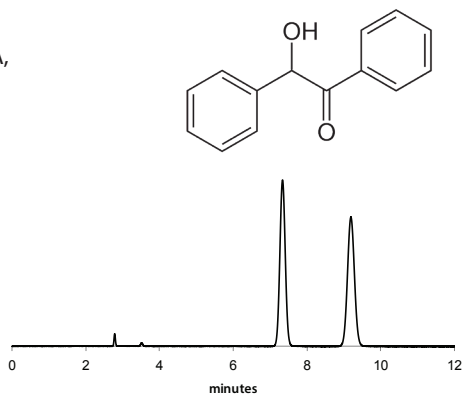
Detection: UV 254 nm

k': 2.66

α : 1.35

CAS #: 119-53-9

Catalog #: 1-580204-300



Benzoin

Column: Reflect C-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

Flow Rate: 1.5 mL/min

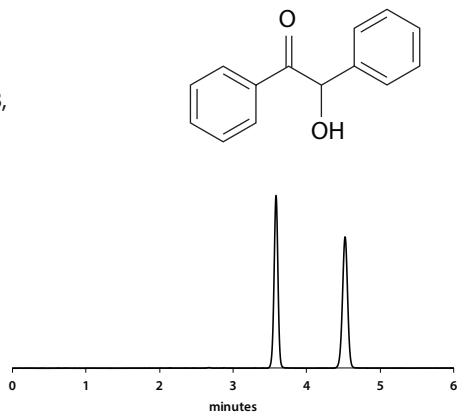
Detection: UV 254 nm

k': 0.79

α : 1.59

CAS #: 119-53-9

Catalog #: 1-590204-300



Benzoin

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

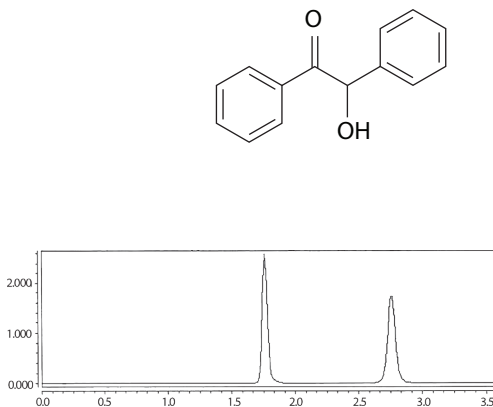
Pressure: 125 bar

Detection: UV 254 nm

k': 1.34

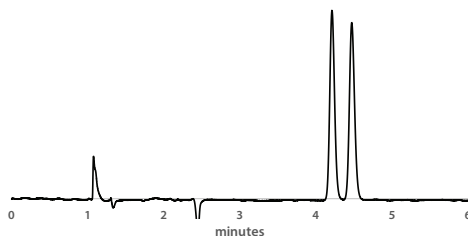
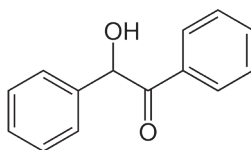
α : 1.99

Catalog #: 1-780101-300



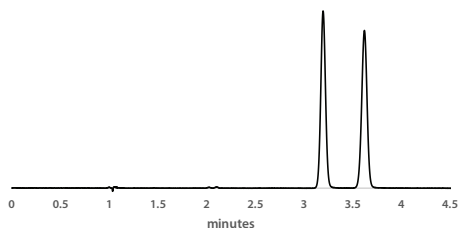
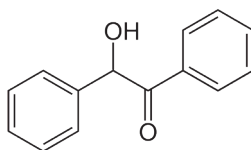
Benzoin

Column: Reflect I-Amylose A,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10) CO₂/IPA
Flow Rate: 3.0 mL/min
Temperature: 40 °C
Pressure: 150 bar
Detection: UV 210 nm
k': 3.20
 α : 1.08
CAS #: 119-53-9
Catalog #: 1-591204-300



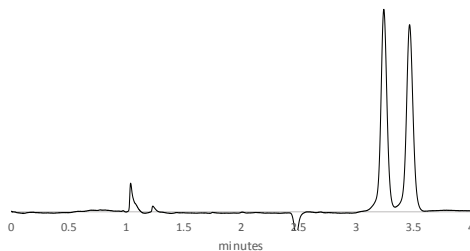
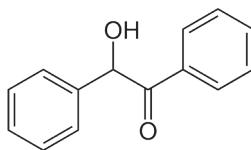
Benzoin

Column: Reflect I-Cellulose B,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10) CO₂/
Methanol
Flow Rate: 3.0 mL/min
Temperature: 40 °C
Pressure: 150 bar
Detection: UV 210 nm
k': 2.19
 α : 1.19
CAS #: 119-53-9
Catalog #: 1-592204-300



Benzoin

Column: Reflect I-Cellulose J,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10) CO₂/IPA
Flow Rate: 3.0 mL/min
Temperature: 40 °C
Pressure: 150 bar
Detection: UV 210 nm
k': 2.23
 α : 1.10
CAS #: 119-53-9
Catalog #: 1-594204-300



Benzoin

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

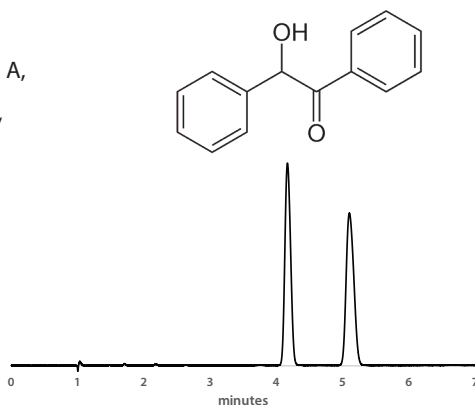
Detection: UV 210 nm

k' : 3.19

α : 1.28

CAS #: 119-53-9

Catalog #: 1-580204-300



Benzoin

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

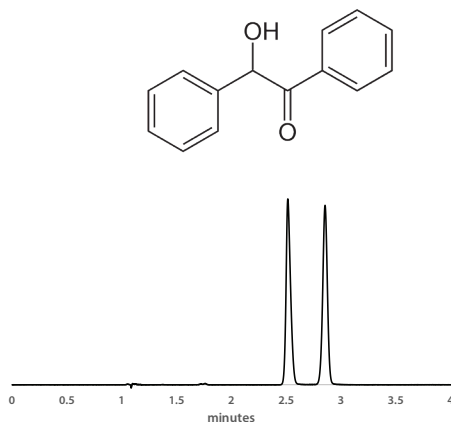
Detection: UV 210 nm

k' : 1.51

α : 1.22

CAS #: 119-53-9

Catalog #: 1-590204-300



Benzoin

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)
 $\text{CO}_2/\text{CH}_3\text{OH}$

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

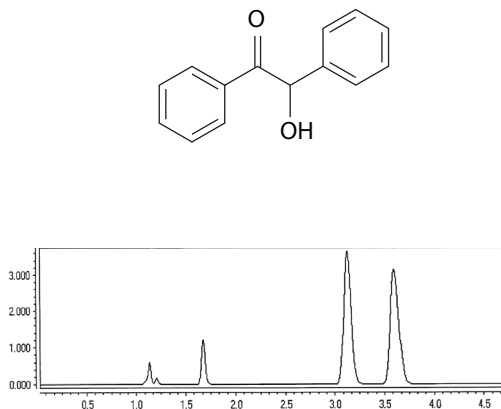
Pressure: 150 bar

Detection: UV 254 nm

k' : 3.17

α : 1.20

Catalog #: 1-783104-300



1,3-Benzothiazoles

1-(1,3-benzothiazol-2-yl)-3-(3-methylbenzyl)-2,5-pyrrolidinedione

Column: RegisPack, 5 μm ,

25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

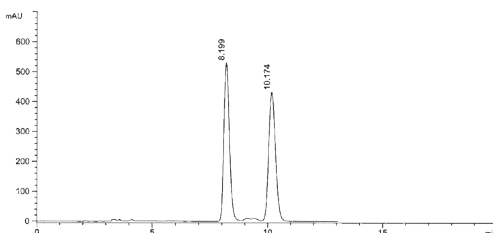
Detection: UV 220 nm

k': 3.32

k': 4.35

α : 1.31

Catalog #: 1-783104-300



1,3-Benzothiazoles

1-(1,3-benzothiazol-2-yl)-3-(3-methylbenzyl)-2,5-pyrrolidinedione

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (50/50)

$\text{CO}_2/\text{CH}_3\text{OH}$

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 126 bar

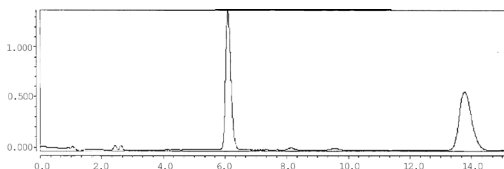
Detection: UV 220 nm

k': 7.13

k': 17.37

α : 2.44

Catalog #: 1-783104-300



1,3-Benzothiazoles

5-(1,3-benzothiazol-2-ylamino)-3-cyclohexyl-5-(trifluoromethyl)-2,4-imidazolidinedione

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/IPA

Flow Rate: 1.5 mL/min

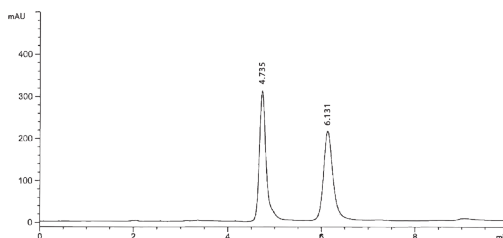
Detection: UV 220 nm

k': 1.49

k': 2.23

α : 1.50

Catalog #: 1-780101-300



1,3-Benzothiazoles

5-(1,3-benzothiazol-2-ylamino)-3-cyclohexyl-5-(trifluoromethyl)-2,4-imidazolidinedione

Column: (S,S) Whelk-O 1, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

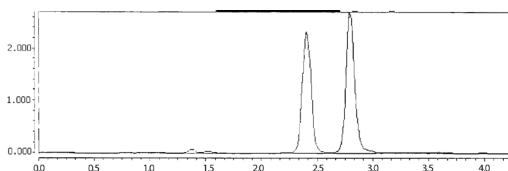
Detection: UV 254 nm

k'₁: 2.21

k'₂: 2.73

α : 1.24

Catalog #: 1-780101-300



1,3-Benzothiazoles

5-(1,3-benzothiazol-2-ylamino)-3-cyclohexyl-5-(trifluoromethyl)-2,4-imidazolidinedione

Column: RegisPack, 5 μm ,
25 cm x 4.6 mm

Mobile Phase: (85/15)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

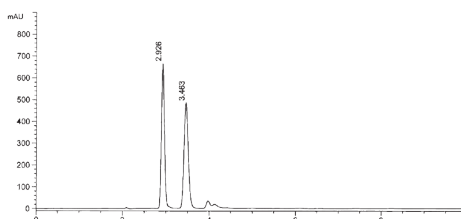
Detection: UV 220 nm

k'₁: 0.54

k'₂: 0.82

α : 1.52

Catalog #: 1-783104-300



1,3-Benzothiazoles

5-(1,3-benzothiazol-2-ylamino)-3-cyclohexyl-5-(trifluoromethyl)-2,4-imidazolidinedione

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

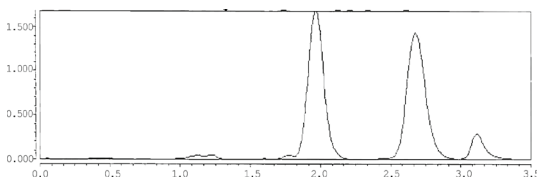
Pressure: 123 bar

Detection: UV 254 nm

k'₁: 1.63

k'₂: 2.57

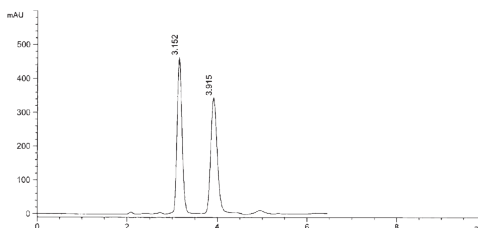
α : 1.58



1,3-Benzothiazoles

5-(1,3-benzothiazol-2-ylamino)-3-cyclohexyl-5-(trifluoromethyl)-2,4-imidazolidinedione

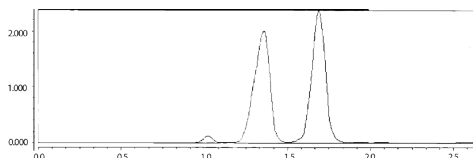
Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 0.66
k'': 1.06
 α : 1.61
Catalog #: 1-784104-300



1,3-Benzothiazoles

5-(1,3-benzothiazol-2-ylamino)-3-cyclohexyl-5-(trifluoromethyl)-2,4-imidazolidinedione

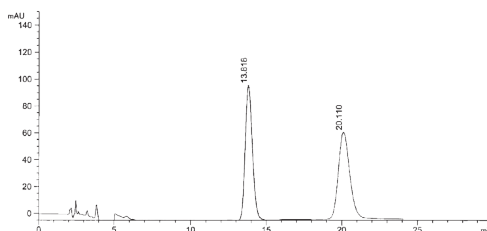
Column: RegisCell, 5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20) CO₂/Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 126 bar
Detection: UV 254 nm
k': 0.81
k'': 1.25
 α : 1.54
Catalog #: 1-784104-300



1,3-Benzothiazoles

3-[4-(1,3-benzothiazol-2-yl)-1-piperazinyl]-1-(3-fluorophenyl)-2,5-pyrrolidinedione

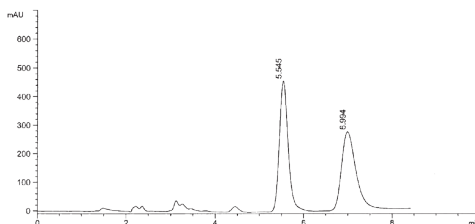
Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (50/50)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 6.27
k'': 9.58
 α : 1.53
Catalog #: 1-783104-300



1,3-Benzothiazoles

3-[4-(1,3-benzothiazol-2-yl)-1-piperazinyl]-1-(3-fluorophenyl)-2,5-pyrrolidinedione

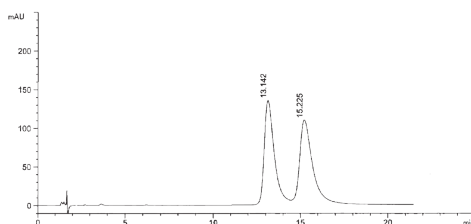
Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: 100%
Methanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k'₁: 1.92
k'₂: 2.68
 α : 1.40
Catalog #: 1-784104-300



1,3-Benzothiazoles

ethyl 1-[2-(1,3-benzothiazol-2-ylamino)-2-oxoethyl]piperidine-3-carboxylate

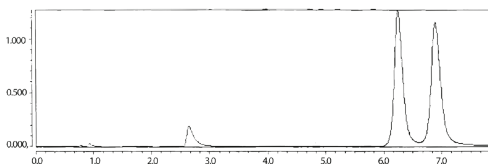
Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (65/35)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 220 nm
k'₁: 8.06
k'₂: 9.52
 α : 1.18
Catalog #: 1-780101-300



1,3-Benzothiazoles

ethyl 1-[2-(1,3-benzothiazol-2-ylamino)-2-oxoethyl]piperidine-3-carboxylate

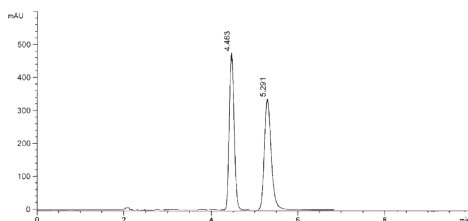
Column: (S,S) Whelk-O 1, 5 μ m, 25 cm x 4.6 mm
Mobile Phase: (75/25)
CO₂/CH₃OH
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k'₁: 7.33
k'₂: 8.19
 α : 1.12
Catalog #: 1-780101-300



1,3-Benzothiazoles

ethyl 1-[2-(1,3-benzothiazol-2-ylamino)-2-oxoethyl]piperidine-3-carboxylate

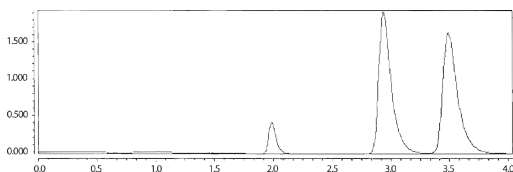
Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (70/30)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k'₁: 1.35
k'₂: 1.78
 α : 1.32
Catalog #: 1-783104-300



1,3-Benzothiazoles

ethyl 1-[2-(1,3-benzothiazol-2-ylamino)-2-oxoethyl]piperidine-3-carboxylate

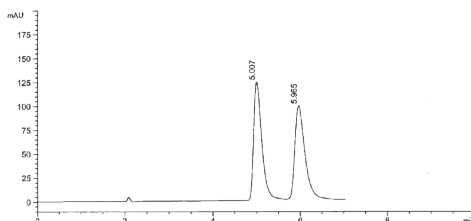
Column: RegisPack, 5 μ m, 25 cm x 4.6 mm
Mobile Phase: (70/30)
CO₂/CH₃OH
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k'₁: 2.92
k'₂: 3.62
 α : 1.25
Catalog #: 1-783104-300



1,3-Benzothiazoles

ethyl 1-[2-(1,3-benzothiazol-2-ylamino)-2-oxoethyl]piperidine-3-carboxylate

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k'₁: 1.64
k'₂: 2.14
 α : 1.30
Catalog #: 1-784104-300



1,3-Benzothiazoles

ethyl 1-[2-(1,3-benzothiazol-2-ylamino)-2-oxoethyl]piperidine-3-carboxylate

Column: RegisCell, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

CO₂/CH₃OH

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

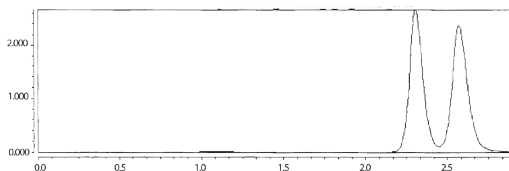
Detection: UV 220 nm

k': 2.08

k'': 2.43

α : 1.17

Catalog #: 1-784104-300



1,3-Benzothiazoles

N-1,3-benzothiazol-2-yl-1-butyl-5-oxopyrrolidine-3-carboxamide

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/IPA

Flow Rate: 1.5 mL/min

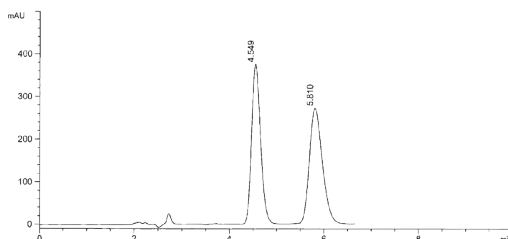
Detection: UV 220 nm

k': 1.39

k'': 2.06

α : 1.48

Catalog #: 1-784104-300



1-(4-Benzyloxy) phenyl Ethanol

Column: (S,S) ULMO,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (98.5/1.5)

n-Heptane/1,2-

Dimethoxyethane

Flow Rate: 2.0 mL/min

Detection: UV 254 nm

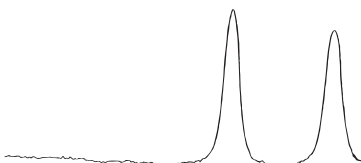
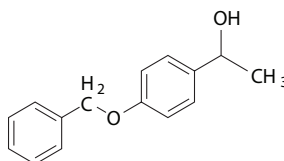
Run Time: 11.0 min

k': 5.21

α : 1.21

Reference: 55

Catalog #: 1-787100-300



β-Blocker

Column: (S,S) DACH-DNB,

5 μm, 25 cm x 4.6 mm

Mobile Phase: (90/10)

CH₂Cl₂/IPA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

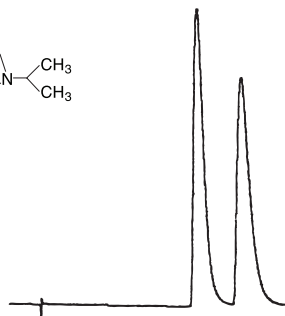
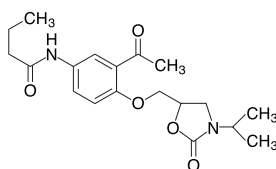
Run Time: 18.0 min

k': 4.52

α: 1.29

Reference: 54

Catalog #: 1-788201-300



β-Blocker

Column: (S,S) DACH-DNB,

5 μm, 25 cm x 4.6 mm

Mobile Phase: (92/8)

CH₂Cl₂/IPA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

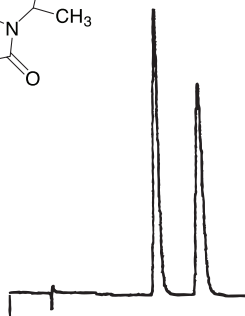
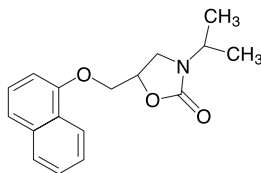
Run Time: 11.0 min

k': 2.27

α: 1.42

Reference: 54

Catalog #: 1-788201-300



Beta Naphthyl Methyl Carbinol

Column: (R,R) ULMO,

5 μm, 25 cm x 4.6 mm

Mobile Phase: (97/3)

Hexane/IPA

Flow Rate: 1.0 mL/min

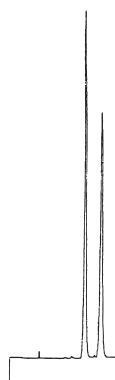
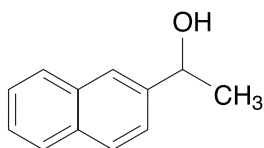
Detection: UV 254 nm

Run Time: 9 min

k': 1.64

α: 1.34

Catalog #: 1-787200-300



Betaxolol

Column: α -Burke 2,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/10/5)
 $\text{CH}_2\text{Cl}_2/\text{EtOH}/\text{MeOH}$
10 mM NH_4OAc

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 11 min

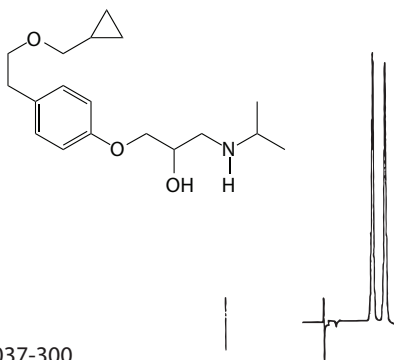
4.6 mm x 25 cm

k': 2.36

α : 1.25

Reference: 30

Catalog #: 1-735035-300, 1-735037-300



Bicalutamide

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

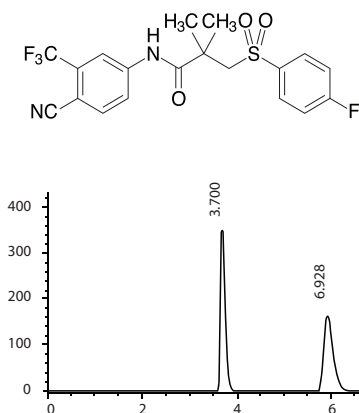
Detection: UV 254 nm

k': 0.91

α : 2.28

CAS #: 90357-06-5

Catalog #: 1-783104-300



Bifonazole

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Flow Rate: (80/20) Hexane/
Ethanol

Flow Rate: 1.5 mL/min

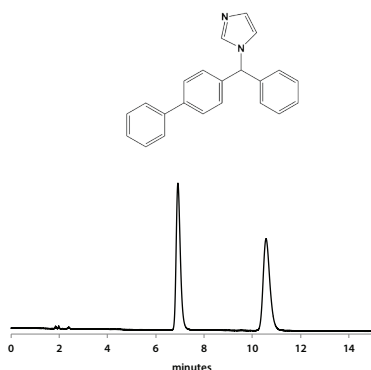
Detection: UV 228 nm

k': 2.46

α : 1.75

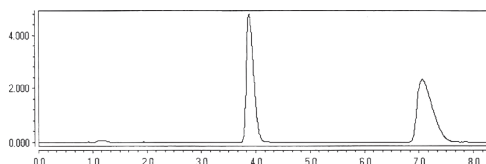
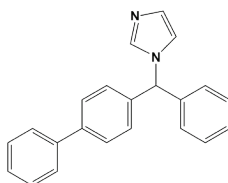
CAS #: 60628-96-8

Catalog #: 1-580204-300



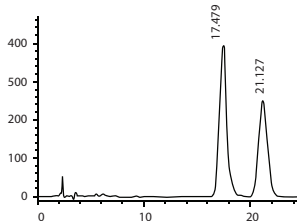
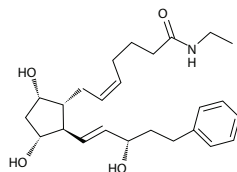
Bifonazole

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (65/35) CO₂/
CH₃OH + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k': 4.17
 α : 2.02
Catalog #: 1-783104-300



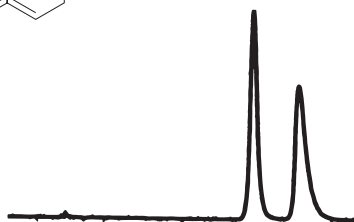
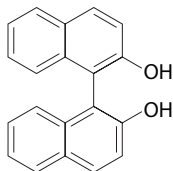
Bimatoprost

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/2.5/2.5)
Hexane/Ethanol/Methanol
Flow Rate: 1.5 mL/min
Detection: UV 210 nm
k': 8.06
 α : 1.23
CAS #: 155206-00-1
Catalog #: 1-784104-300



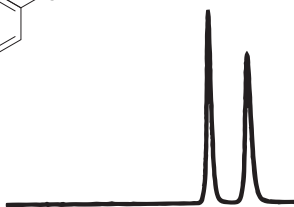
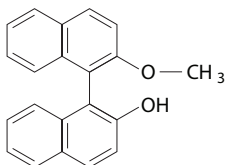
1,1'-Bi-2-Naphthol

Column: (S,S) ULMO,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (98/2)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 18.0 min
k': 4.84
 α : 1.24
Reference: 43
Catalog #: 1-787100-300



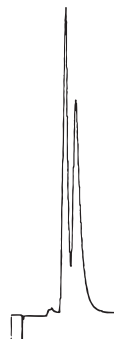
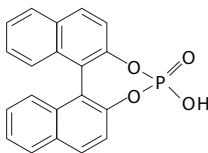
1,1'-Binaphthol Monomethylether

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98/2)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 11.0 min
k': 2.23
 α : 1.28
Reference: 43
Catalog #: 1-787100-300



1,1'-binaphthyl-2,2'-diylhydrogen phosphate

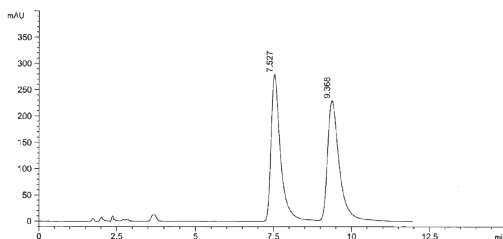
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (56/44)
 $\text{H}_2\text{O}/\text{MeOH}$ + 0.1% HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 18 min
k': 4.46
 α : 1.27
Catalog #: 1-780101-300, 1-780201-300



Biphenyls

2-(4-biphenyloxy)-N-(3-pyridinylmethyl)propanamide

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (50/50)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 2.96
k'': 3.93
 α : 1.33
Catalog #: 1-780101-300



Biphenyls

2-(4-biphenyloxy)-N-(3-pyridinylmethyl)propanamide

Column: (S,S) Whelk-O 1, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35)

CO_2 /Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 125 bar

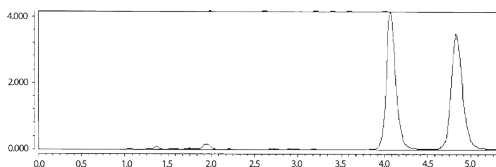
Detection: UV 254 nm

k': 4.43

k': 5.43

α : 1.23

Catalog #: 1-780101-300



Biphenyls

2-(4-biphenyloxy)-N-(3-pyridinylmethyl)propanamide

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/IPA

Flow Rate: 1.5 mL/min

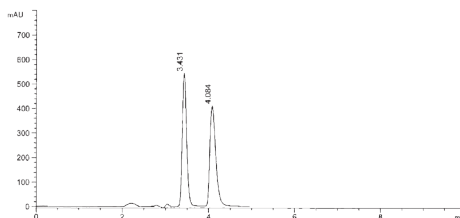
Detection: UV 220 nm

k': 0.81

k': 1.15

α : 1.42

Catalog #: 1-783104-300



Biphenyls

2-(4-biphenyloxy)-N-(3-pyridinylmethyl)propanamide

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35)

CO_2 /CH₃OH

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 124 bar

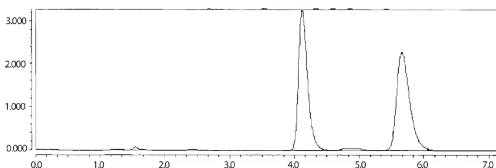
Detection: UV 254 nm

k': 4.51

k': 6.55

α : 1.45

Catalog #: 1-783104-300



Biphenyls

2-(4-biphenyloxy)-N-(3-pyridinylmethyl)propanamide

Column: RegisCell, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35)

$\text{CO}_2/\text{CH}_3\text{OH}$

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 125 bar

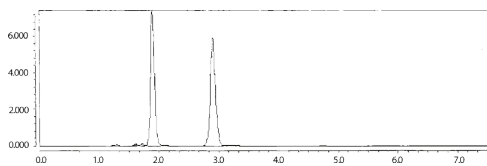
Detection: UV 254 nm

k'_1 : 1.53

k'_2 : 2.87

α : 1.88

Catalog #: 1-784104-300



Biphenyls

N-2-biphenyl-2-(2-methoxyphenoxy)propanamide

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/IPA

Flow Rate: 1.5 mL/min

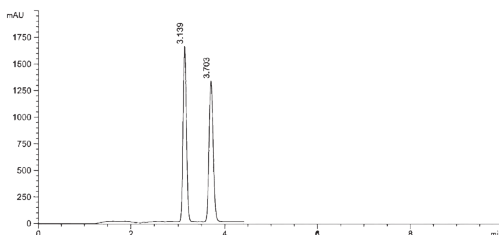
Detection: UV 220 nm

k'_1 : 0.65

k'_2 : 0.95

α : 1.46

Catalog #: 1-783104-300



Biphenyls

N-2-biphenyl-2-(2-methoxyphenoxy)propanamide

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15)

CO_2/IPA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 124 bar

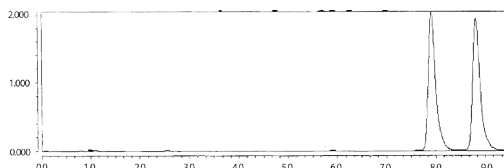
Detection: UV 220 nm

k'_1 : 9.55

k'_2 : 10.75

α : 1.13

Catalog #: 1-783104-300



Biphenyls

1-(4-biphenyloxy)-3-(4-morpholinyl)-2-propanol hydrochloride

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

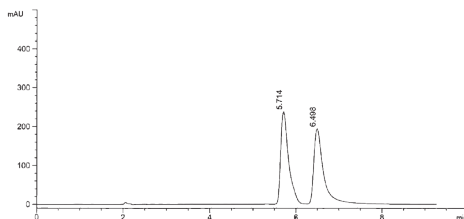
Detection: UV 220 nm

k'₁: 2.01

k'₂: 2.42

α : 1.20

Catalog #: 1-783104-300



Biphenyls

1-[[3-(2-biphenyloxy)propyl]amino]-2-propanol ethanedioate (salt)

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/Ethanol + 0.1% DEA

Flow Rate: 1.5 mL/min

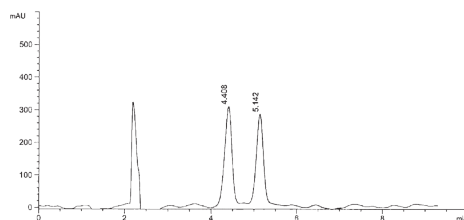
Detection: UV 220 nm

k'₁: 1.32

k'₂: 1.71

α : 1.30

Catalog #: 1-783104-300



BOC-Ala

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (98/2/0.2)

Hexane/IPA/HOAc

Flow Rate: 1.0 mL/min

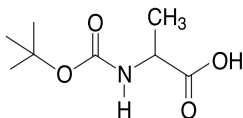
Detection: 220 nm

Run Time: 17 min

k': 4.43

α : 1.09

Catalog #: 1-780101-300,
1-780201-300



DL-BPA

Column: ChiroSil ME RCA(+),

5 μm , 15 cm x 4.6 mm

Mobile Phase: (30/70) 0.01%

Phosphoric Acid/MeOH

Flow Rate: 1.0 mL/min

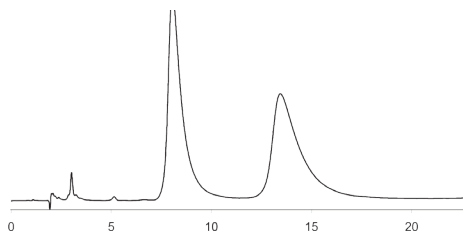
Detection: UV 210 nm

Temperature: 0 °C

k': 3.14

α : 1.88

Catalog #: 1-788001-300



Bromacil

Insecticide

Column: Whelk-O 1, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (98/2) Hexane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

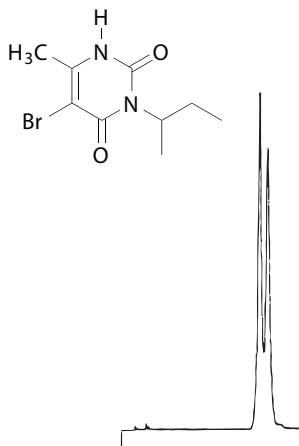
k': 21.43

α : 1.07

Run Time: 38 min

Catalog #: 1-780101-300,

1-780201-300



Bromacil

Column: Reflect I-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (97/3)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

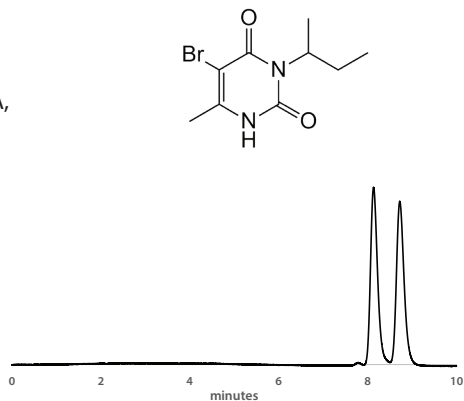
Detection: UV 254 nm

k': 3.06

α : 1.20

CAS #: 314-40-9

Catalog #: 1-591204-300



Bromacil

Column: Reflect I-Cellulose J,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

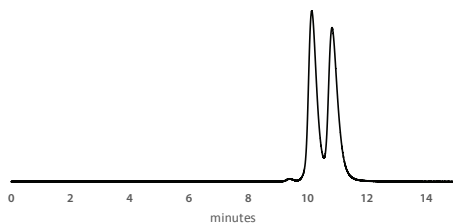
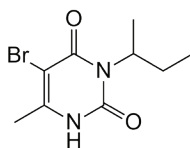
Detection: UV 254 nm

k': 4.06

α : 1.08

CAS #: 314-40-9

Catalog #: 1-594204-300



Bromacil

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

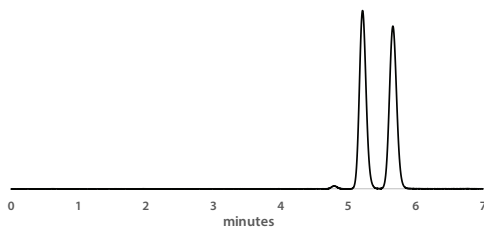
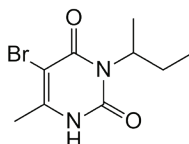
Detection: UV 254 nm

k': 1.60

α : 1.14

CAS #: 314-40-9

Catalog #: 1-580204-300



Brompheniramine

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

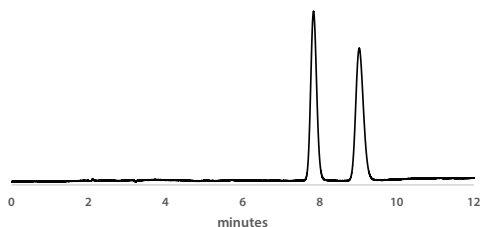
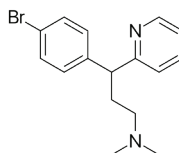
Detection: UV 254 nm

k': 2.91

α : 1.20

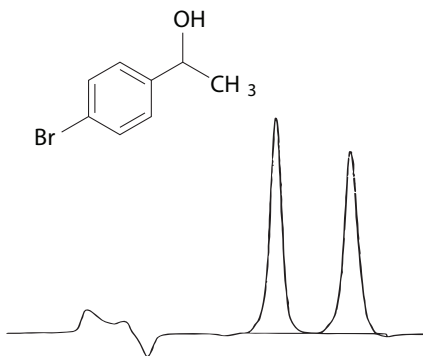
CAS #: 86-22-6

Catalog #: 1-580204-300



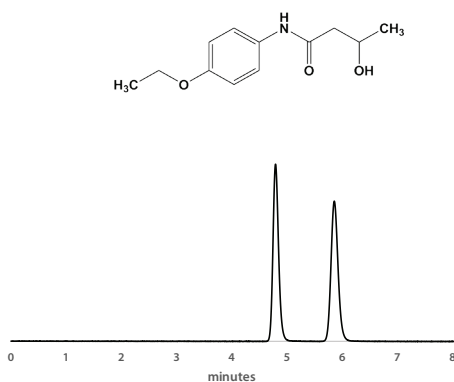
1-(p-Bromophenyl) Ethanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98.5/1.5)
n-Heptane/1,2-Dimethoxyethane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 11.5 min
k': 2.39
 α : 1.17
Reference: 55
Catalog #: 1-787100-300



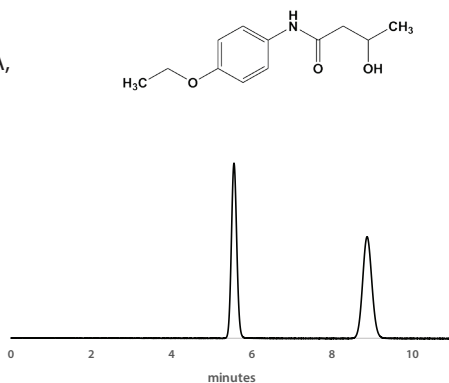
Bucetin

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.39
 α : 1.38
CAS #: 1083-57-4
Catalog #: 1-591204-300



Bucetin

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.77
 α : 1.93
CAS #: 1083-57-4
Catalog #: 1-580204-300



Bucetin

Column: RegisPack CLA-1,

3 μm , 15 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

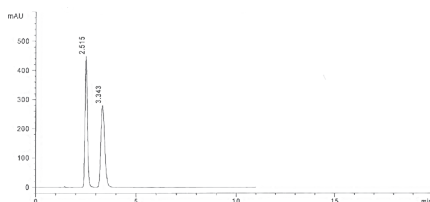
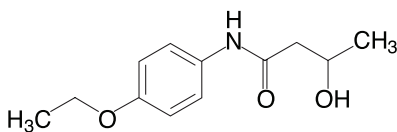
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 1.17

α : 1.61

Catalog #: 1-793104-300



Bucetin

Column: Reflect I-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /

Methanol

Flow Rate: 3.0 mL/min

Detection: UV 254 nm

Temperature: 40 $^\circ\text{C}$

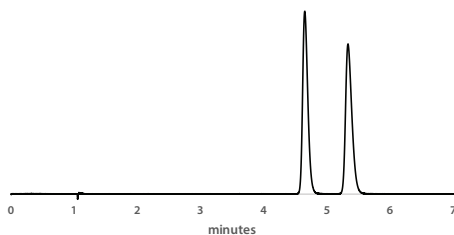
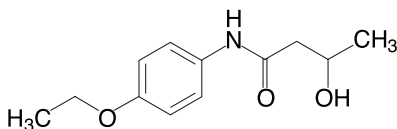
Pressure: 150 bar

k': 3.64

α : 1.19

CAS #: 1083-57-4

Catalog #: 1-591204-300



Bucetin

Column: Reflect I-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /

Methanol

Flow Rate: 3.0 mL/min

Detection: UV 254 nm

Temperature: 40 $^\circ\text{C}$

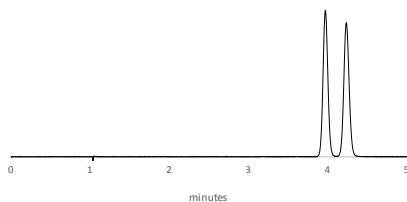
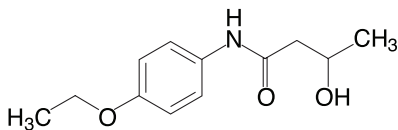
Pressure: 150 bar

k': 2.97

α : 1.09

CAS #: 1083-57-4

Catalog #: 1-592204-300



Bucetin

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Detection: UV 254 nm

Temperature: 40 $^\circ\text{C}$

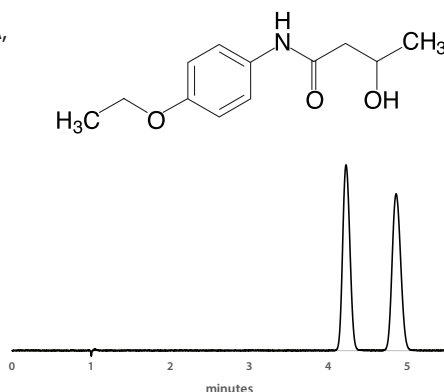
Pressure: 150 bar

k'_1 : 3.21

α : 1.20

CAS #: 1083-57-4

Catalog #: 1-580204-300



Bucetin

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Detection: UV 254 nm

Temperature: 40 $^\circ\text{C}$

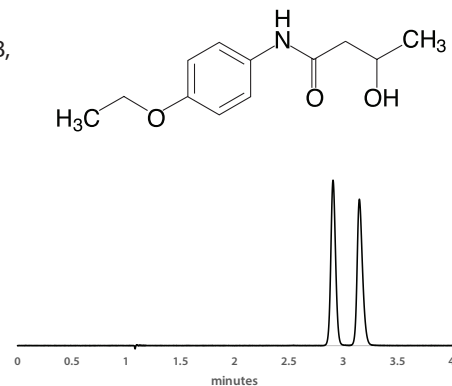
Pressure: 150 bar

k'_1 : 1.90

α : 1.13

CAS #: 1083-57-4

Catalog #: 1-590204-300



Buckminsterfullerene-Enone [2+2] Photoadducts

Semi-prep separation on analytical column

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: 2:1
Toluene/Hexane

Flow Rate: 1.0 mL/min

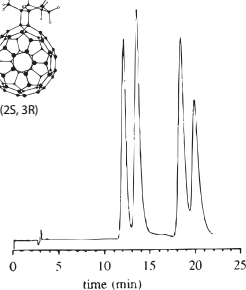
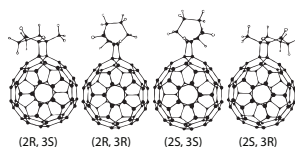
Detection: UV 400 nm

Run Time: 22 min

Sample: 100 μl of 5 mg/ml solution (0.5 mg)

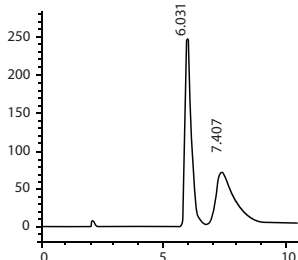
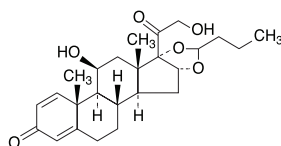
Reference: 8

Catalog #: 1-780101-300,
1-780201-300



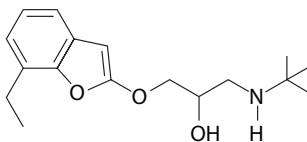
Budesonide

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 243 nm
k'₁: 2.17
 α : 1.34
CAS #: 51333-22-3
Catalog #: 1-783104-300



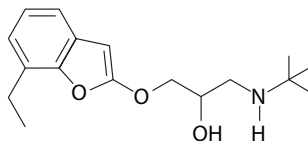
Bufuralol

Column: α -Burke 2,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
 $\text{CH}_2\text{Cl}_2/\text{EtOH}$ 20 mM NH_4OAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 11.0 min
k'₁: 0.96
 α : 2.56
Catalog #: 1-735035-300,
1-735037-300



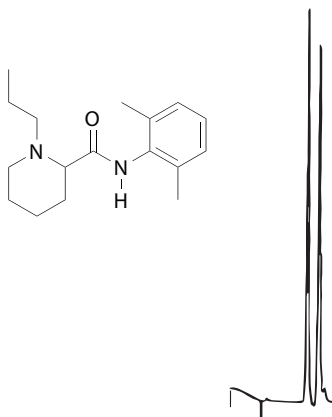
Bufuralol

Column: (3R,4S) Pirkle 1-J,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
 $\text{CH}_2\text{Cl}_2/\text{Ethanol}$
+ 0.02 M Ammonium Acetate
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 7.0 min
k'₁: 0.91
 α : 2.01
Catalog #: 1-731044-300



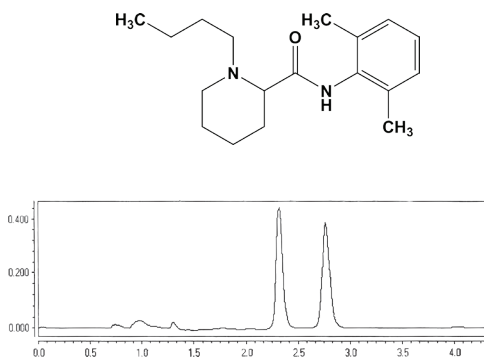
Bupivacaine

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20/0.1)
Hexane/IPA/TEA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 7-8 min
k': 1.89
 α : 1.25
Catalog #: 1-780101-300



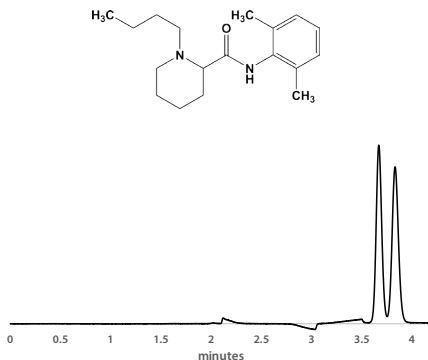
Bupivacaine

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25) CO_2 /
Ethanol + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 2.09
 α : 1.28
Catalog #: 1-780101-300



Bupivacaine

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5/0.1)
Hexane/Ethanol/DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 0.83
 α : 1.10
CAS #: 2180-92-9
Catalog #: 1-592204-300



Bupivacaine

Column: Reflect C-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

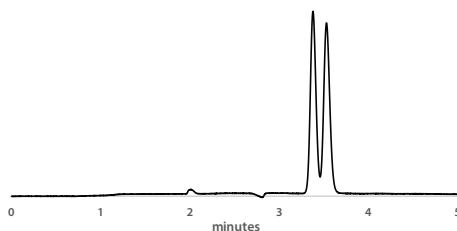
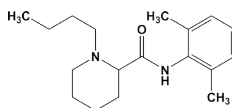
Detection: UV 254 nm

k': 0.69

α : 1.11

CAS #: 2180-92-9

Catalog #: 1-590204-300



Bupranolol

Column: (3R,4S) Pirkle 1-J,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

CH₂Cl₂/Ethanol + 0.015M

Ammonium Acetate

Flow Rate: 1.0 mL/min

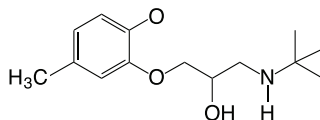
Detection: UV 254 nm

Run Time: 8.5 min

k': 1.44

α : 1.47

Catalog #: 1-731044-300



Butaclamol

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/Ethanol + 0.1% DEA

Flow Rate: 1.5 mL/min

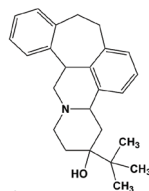
Detection: UV 220 nm

k': 0.92

α : 1.87

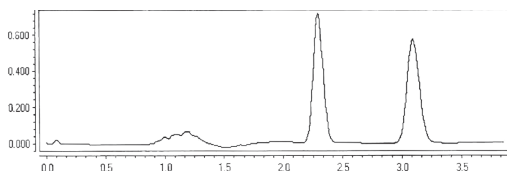
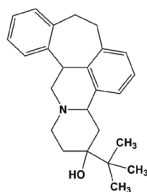
CAS #: 51152-91-1

Catalog #: 1-784104-300



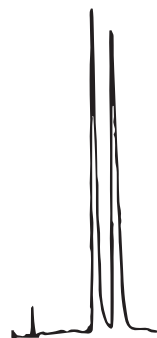
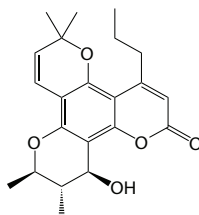
Butaclamol

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
 $\text{CO}_2/\text{CH}_3\text{OH}$ + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 220 nm
 k' : 2.06
 α : 1.52
Catalog #: 1-783104-300



Calanolide A

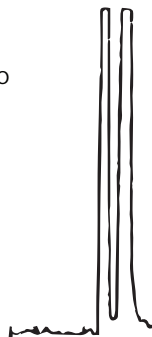
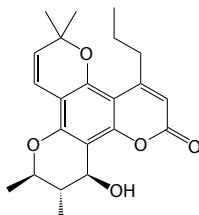
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (10/90)
IPA/Hexane
Flow Rate: 1.25 mL/min
Detection: UV 270 nm
Run Time: 18 min
 k' : 3.2
 α : 1.4
Reference: 16
Catalog #: 1-780101-300



Calanolide A

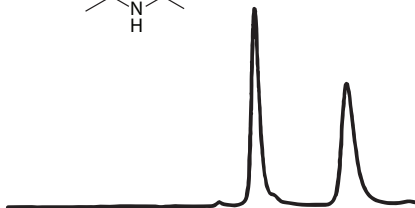
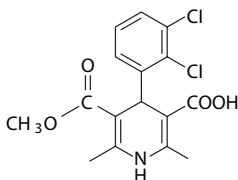
Semi prep

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (10/90) IPA/Hexane
Flow Rate: 1.25 mL/min
Detection: UV 270 nm
Run Time: 18 min
Sample: 5 mg
 k' : 3.2
 α : 1.4
Reference: 16
Catalog #: 1-780101-300



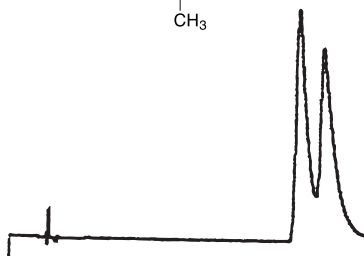
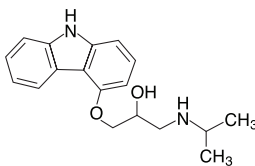
Calcium Channel Blocker

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (99/1)
Heptane/IPA + 0.1% TFA
Flow Rate: 1.0 mL/min
Detection: UV 230 nm
Run Time: 6 min
k': 0.55
 α : 2.06
Reference: 48
Catalog #: 1-787100-300



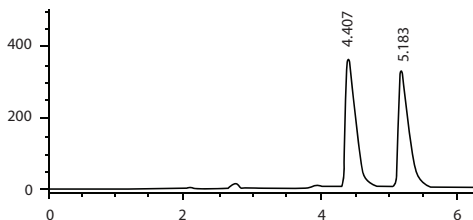
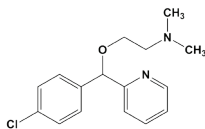
Carazolol

Column: (R) α -Burke 2,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (46/46/8)
 CH_2Cl_2 /Methanol/Ethanol
+ 0.01 M Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 15.0 min
k': 6.73
 α : 1.10
Catalog #: 1-735035-300



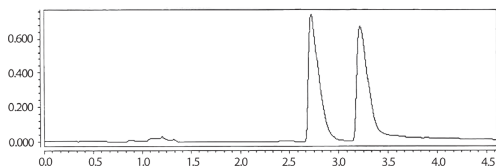
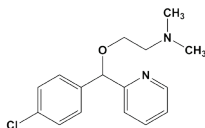
Carbinoxamine

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.32
 α : 1.31
CAS #: 486-16-8
Catalog #: 1-783104-300



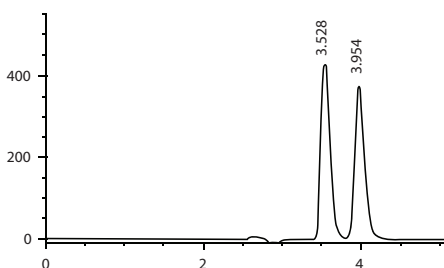
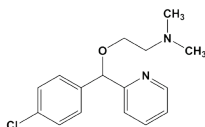
Carbinoxamine

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
 $\text{CO}_2/\text{IPA} + 0.5\% \text{ DEA}$
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
 k' : 2.64
 α : 1.25
Catalog #: 1-783104-300



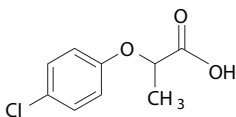
Carbinoxamine

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (92/8)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
 k' : 0.86
 α : 1.20
CAS #: 486-16-8
Catalog #: 1-784104-300



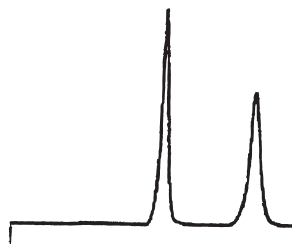
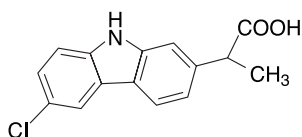
Carboxylic Acid

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA + 0.1% TFA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
 k' : 0.84
 α : 1.36
Run Time: 3.5 min
Reference: 44
Catalog #: 1-780101-300



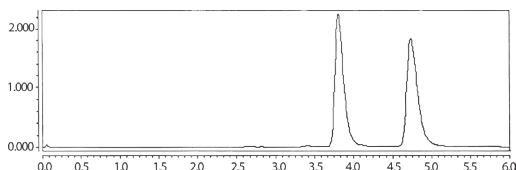
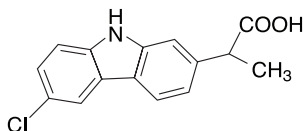
Carprofen

Column: (R,R) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/IPA + 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 4.70
 α : 1.73
Reference: 46
Catalog #: 1-786515-300



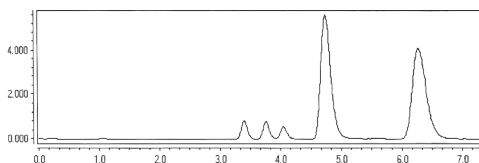
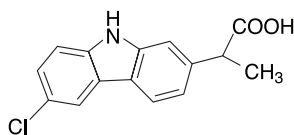
Carprofen

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
 CO_2 /Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 4.08
 α : 1.31
Catalog #: 1-780101-300



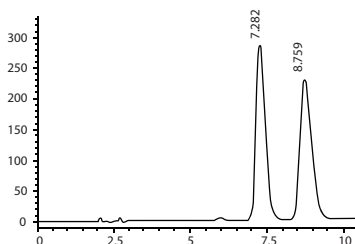
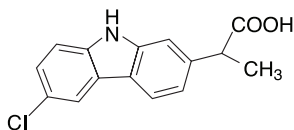
Carprofen

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
 CO_2 /IPA + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 123 bar
Detection: UV 254 nm
k': 5.32
 α : 1.38
Catalog #: 1-783104-300



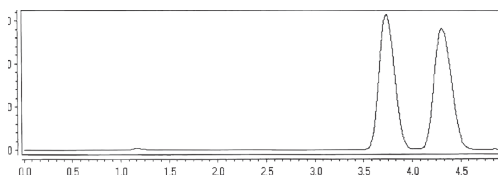
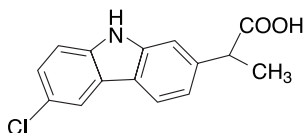
Carprofen

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.83
 α : 1.27
CAS #: 53716-49-7
Catalog #: 1-784104-300



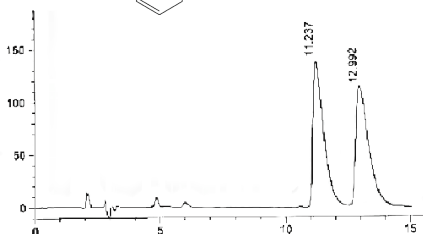
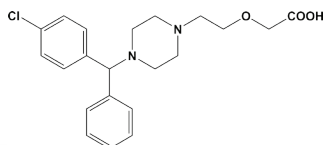
Carprofen

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
CO₂/IPA + 0.5% TFA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 3.98
 α : 1.19
Catalog #: 1-784104-300



Cetirizine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: Hexane/Ethanol
+ 0.1% DEA + 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 4.82
 α : 1.19
Catalog #: 1-783104-300



Chlorflurecol Methyl

Herbicide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (98/2)
Hexane/IPA

Flow Rate: 1.0 mL/min

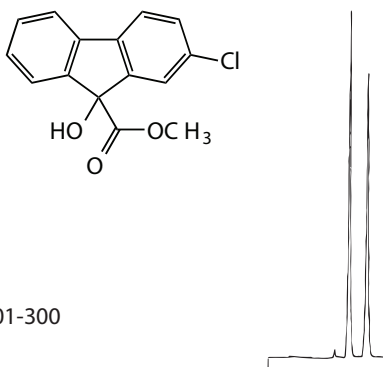
Detection: UV 254 nm

Run Time: 16 min

k': 3.96

α : 1.28

Catalog #: 1-780101-300, 1-780201-300



Chlorflurecol Methyl Ester

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

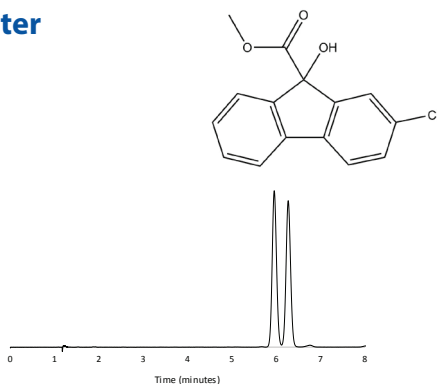
Detection: UV 210 nm

k': 4.94

α : 1.06

CAS #: 2536-31-4

Catalog #: 1-592204-300



Chlorflurecol Methyl Ester

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /IPA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

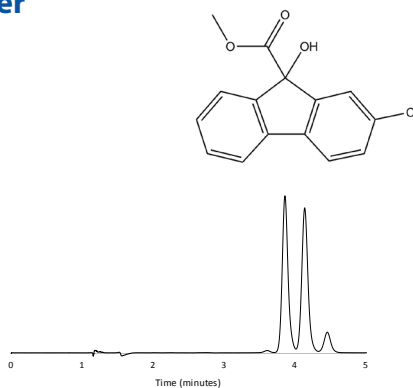
Detection: UV 210 nm

k': 2.86

α : 1.10

CAS #: 2536-31-4

Catalog #: 1-593204-300



Chlorflurecol Methyl Ester

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20) CO₂/IPA

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

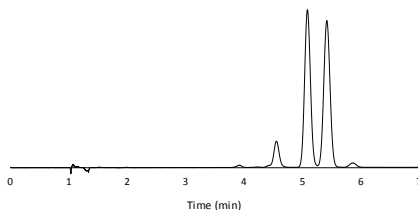
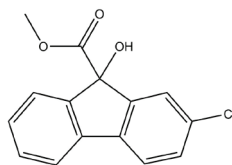
Detection: UV 210 nm

k': 4.07

α : 1.08

CAS #: 2536-31-4

Catalog #: 1-580204-300



Chlormezanone

Column: (R,R) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/IPA

Flow Rate: 1.5 mL/min

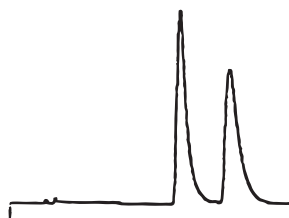
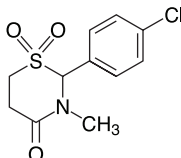
Detection: UV 254 nm

Run Time: 13.0 min

k': 4.48

α : 1.36

Catalog #: 1-780201-300



Chlormezanone

Column: (S,S) Whelk-O, 1.

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

CO₂/CH₃OH

Flow Rate: 4.0 mL/min

Temperature: 40 °C

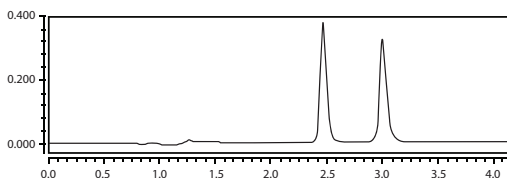
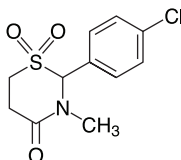
Pressure: 125 bar

Detection: UV 254 nm

k': 2.31

α : 1.31

Catalog #: 1-780101-300



Chlormezanone

Column: Reflect I-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (50/50)

Hexane/IPA

Flow Rate: 1.5 mL/min

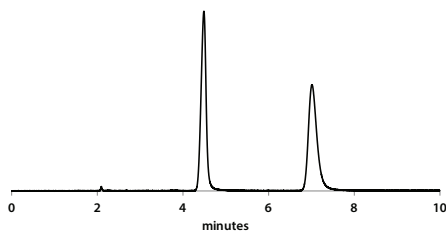
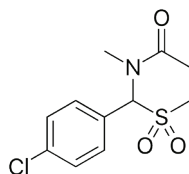
Detection: UV 220 nm

k': 1.24

α : 2.01

CAS #: 80-77-3

Catalog #: 1-591204-300



Chlormezanone

Column: Reflect I-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: 100% Ethanol

Flow Rate: 1.0 mL/min

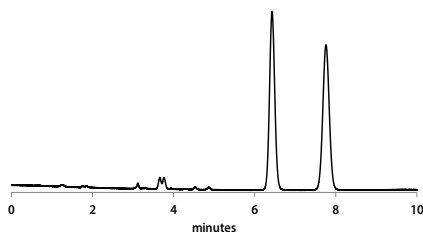
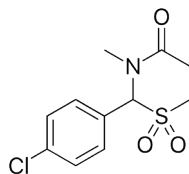
Detection: UV 220 nm

k': 1.09

α : 1.40

CAS #: 80-77-3

Catalog #: 1-592204-300



Chlormezanone

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (50/50)

Hexane/IPA

Flow Rate: 1.5 mL/min

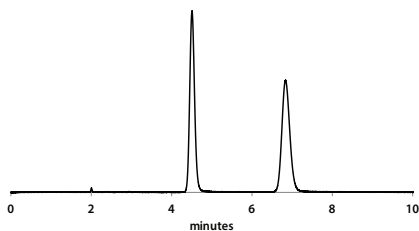
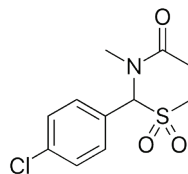
Detection: UV 220 nm

k': 1.25

α : 1.92

CAS #: 80-77-3

Catalog #: 1-580204-300



Chlormezanone

Column: Reflect C-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: 100% Ethanol

Flow Rate: 1.0 mL/min

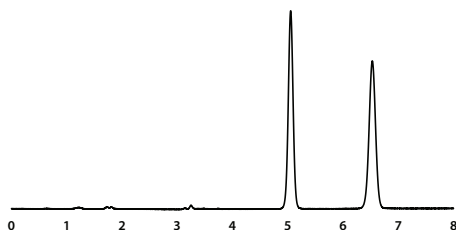
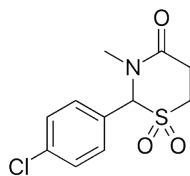
Detection: UV 220 nm

k': 0.64

α : 1.75

CAS #: 80-77-3

Catalog #: 1-590204-300



Chlormezanone

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (55/45)

$\text{CO}_2/\text{CH}_3\text{OH}$

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

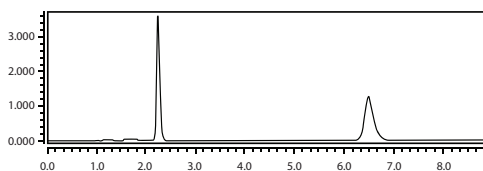
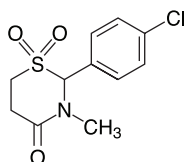
Pressure: 125 bar

Detection: UV 220 nm

k': 2.01

α : 3.81

Catalog #: 1-783104-300



Chlormezanone

Column: RegisCell,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35)

CO_2/IPA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

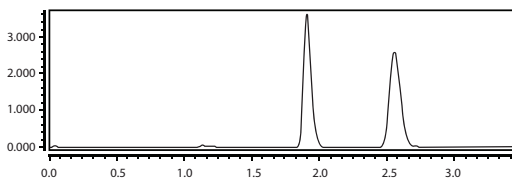
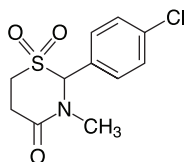
Pressure: 124 bar

Detection: UV 220 nm

k': 1.54

α : 1.56

Catalog #: 1-784104-300



4-Chloromandelic Acid

Column: (R,R) Whelk-O 2,

10 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

H₂O/CH₃OH

+ 0.1% Acetic Acid

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 10.0 min

k': 1.95

α : 1.43

Catalog #: 1-786315-300



2-(2-Chloro-4-methylphenoxy)propionic Acid

Column: (S,S) ULMO,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (99/1)

Hexane/IPA + 0.1% TFA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

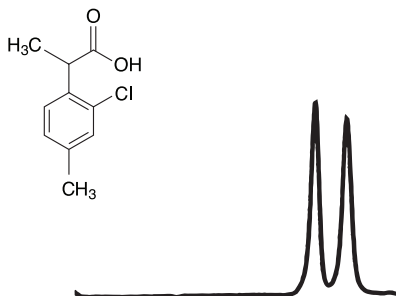
Run Time: 11.0 min

k': 2.22

α : 1.11

Reference: 43

Catalog #: 1-787100-300



2-(3-Chlorophenoxy) Propionic Acid

Column: (R,R) Whelk-O 1,

10 μ m, 25 cm x 4.6 mm

Mobile Phase: (99/1)

Hexane/IPA

Flow Rate: 1.5 mL/min

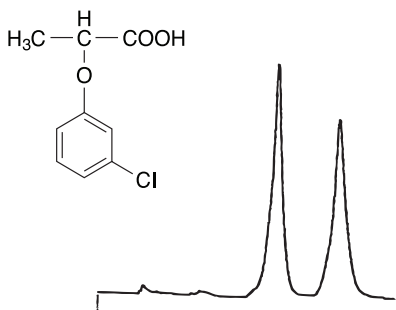
Detection: UV 254 nm

Run Time: 17.0 min

k': 6.09

α : 1.42

Catalog #: 1-786515-300



DL-4-Chloro-phenylalanine

Column: ChiroSil ME RCA(+),

5 μm , 15 cm x 4.6 mm

Mobile Phase: (40/60)

0.01% Phosphoric Acid/MeOH

Flow Rate: 1.0 mL/min

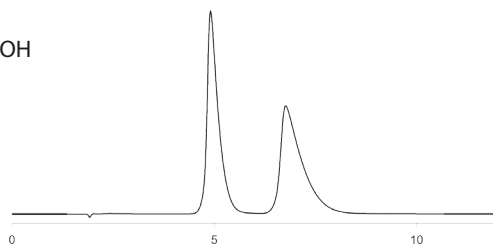
Detection: UV 210 nm

Temperature: 40 $^{\circ}\text{C}$

k': 0.78

α : 1.58

Catalog #: 1-788001-300



1-(m-Chlorophenyl) Ethanol

Column: (S,S) ULMO,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (98.5/1.5)

n-Heptane/1,2-Dimethoxyethane

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

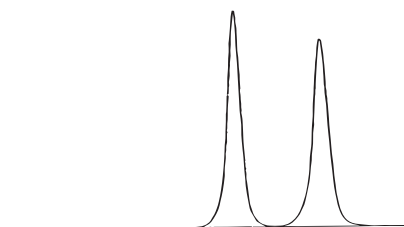
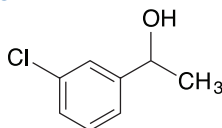
Run Time: 10.5 min

k': 2.13

α : 1.17

Reference: 55

Catalog #: 1-787100-300



1-(o-Chlorophenyl) Ethanol

Column: (S,S) ULMO,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (98.5/1.5)

n-Heptane/1,2-Dimethoxyethane

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

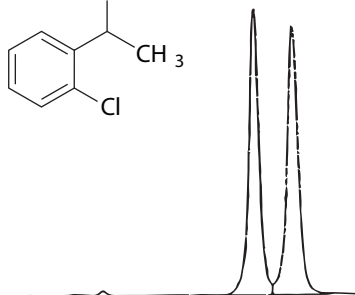
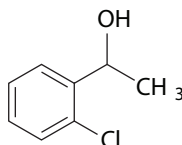
Run Time: 8.5 min

k': 1.58

α : 1.12

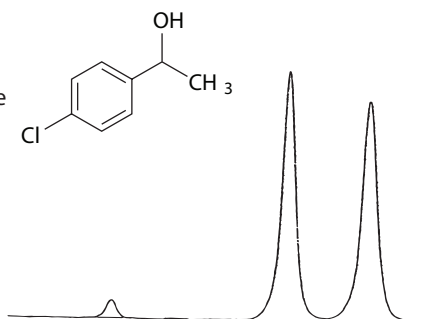
Reference: 55

Catalog #: 1-787100-300



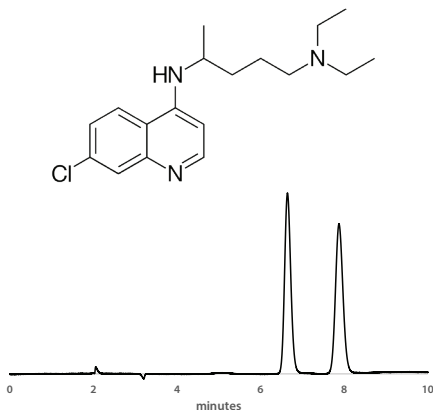
1-(p-Chlorophenyl) Ethanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98.5/1.5)
n-Heptane/1,2-Dimethoxyethane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 10.5 min
k': 2.18
 α : 1.15
Reference: 55
Catalog #: 1-787100-300



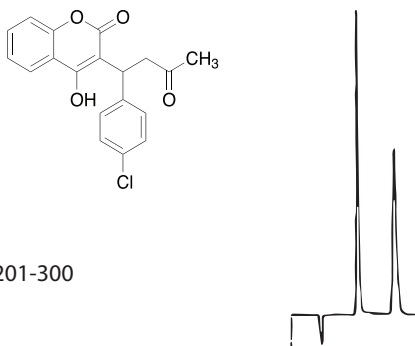
Chloroquine

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5/0.1)
Hexane/Ethanol/DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.31
 α : 1.27
CAS #: 54-05-7
Catalog #: 1-580204-300



p-Chloro-Warfarin

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
MeOH/H₂O + 0.1% HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 12 min
k': 1.64
 α : 1.93
Catalog #: 1-780101-300, 1-780201-300



Chlorphedianol

Column: Reflect I-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

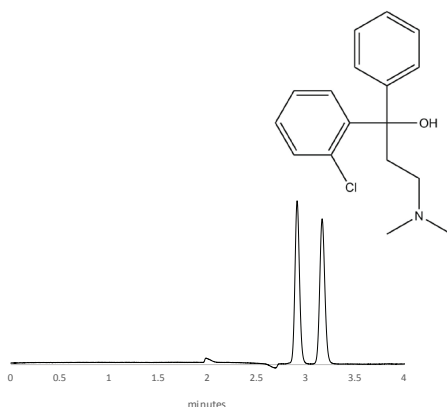
Detection: UV 254 nm

k': 0.45

α : 1.28

CAS #: 511-143-7

Catalog #: 1-592204-300



Chlorphedianol

Column: Reflect I-Cellulose J,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

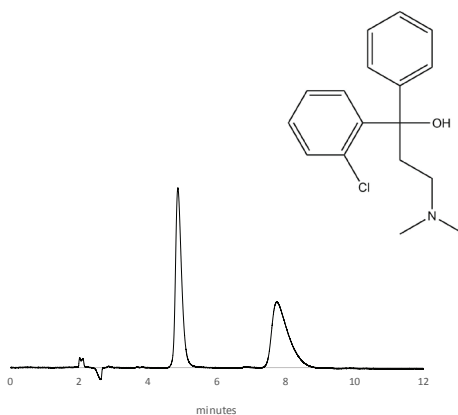
Detection: UV 254 nm

k': 1.43

α : 2.01

CAS #: 511-143-7

Catalog #: 1-594204-300



Chlorphedianol

Column: Reflect C-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

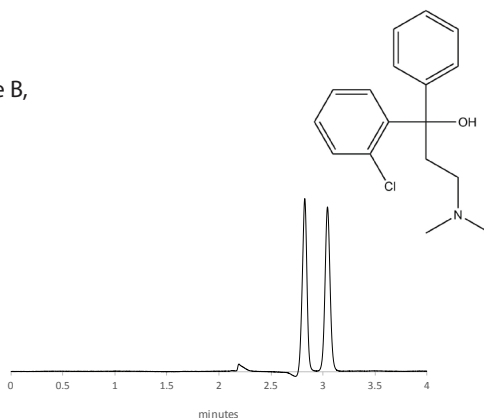
Detection: UV 254 nm

k': 0.41

α : 1.27

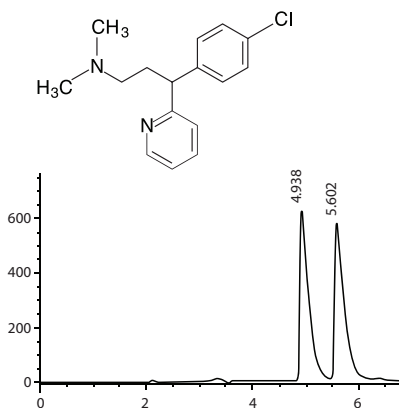
CAS #: 511-143-7

Catalog #: 1-590204-300



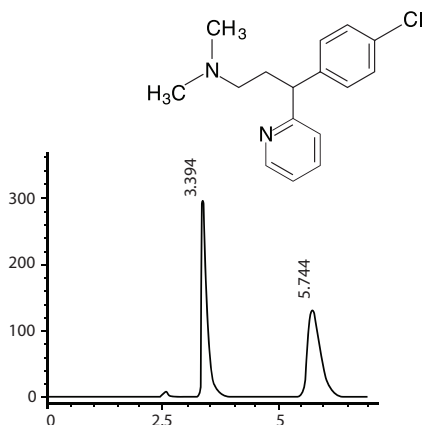
Chlorpheniramine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.60
 α : 1.22
CAS #: 132-22-9
Catalog #: 1-783104-300



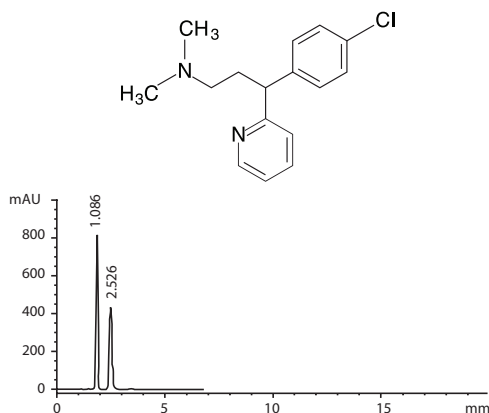
Chlorpheniramine

Column: RegisPack CLA-1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 0.76
 α : 2.60
CAS #: 132-22-9
Catalog #: 1-793104-300



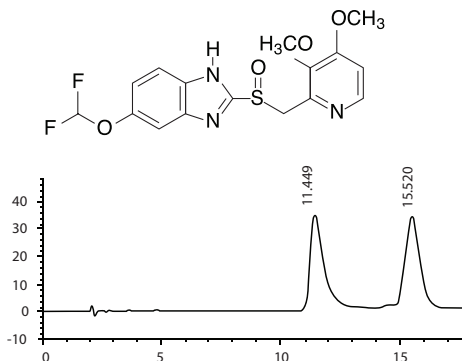
Chlorpheniramine

Column: RegisPack CLA-1,
3 μ m, 15 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 0.63
 α : 1.87
Catalog #: 1-793503-300



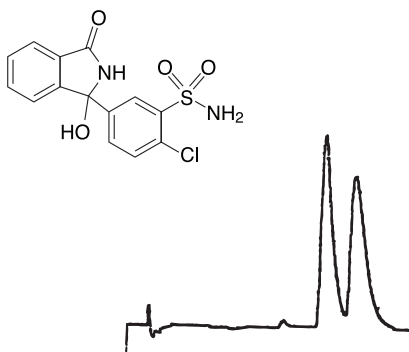
Chlorthalidone

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 5.03
 α : 7.17
CAS #: 77-36-1
Catalog #: 1-783104-300



Chlorthalidone

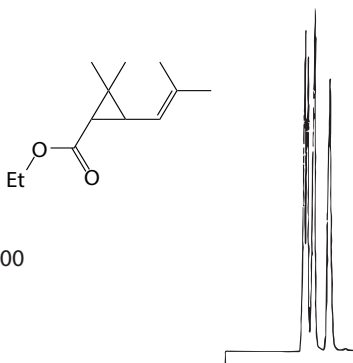
Column: (S,S) DACH-DNB,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (99/1)
 $\text{CH}_2\text{Cl}_2/\text{CH}_3\text{OH}$
+ 0.01 M Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 20.0 min
k': 9.38
 α : 1.18
Catalog #: 1-788201-300



Chrysanthemic Acid-Ethyl Ester

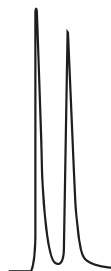
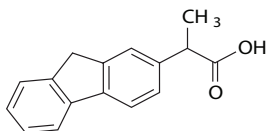
Mixture of Isomers

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100% Hexane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 10 min
Catalog #: 1-780101-300, 1-780201-300



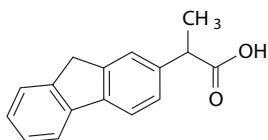
Cicloprofen

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (70/30)
Hexane/IPA + 0.5% HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
k': 0.48
 α : 1.35
Catalog #: 1-780101-300,
1-780201-300



Cicloprofen

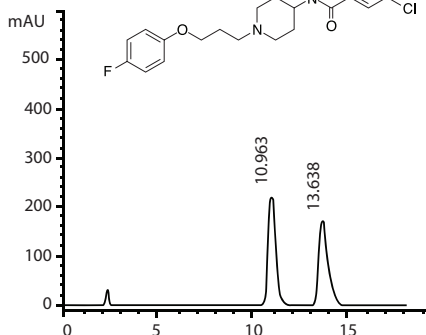
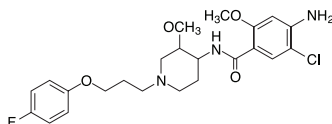
Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (20/80)
IPA/Hexane, 1g/L NH₄OAc
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 1.16
 α : 2.15
Reference: 4
Catalog #: 1-780101-300, 1-780201-300



No chromatogram available.

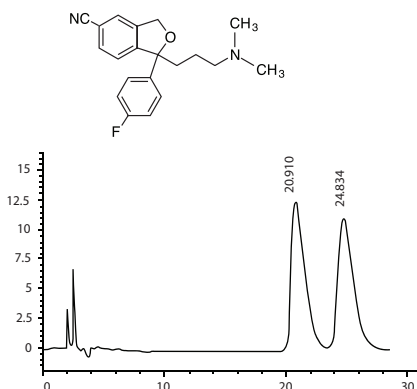
Cisapride

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 243 nm
k': 4.77
 α : 1.29
CAS #: 81098-60-4
Catalog #: 1-783104-300



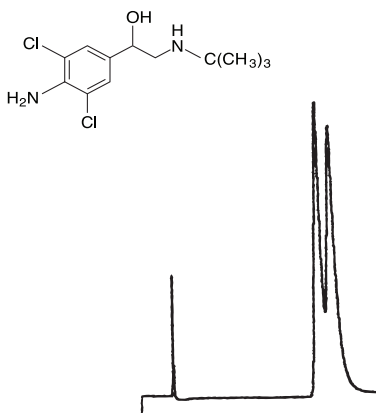
Citalopram

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
+ 0.1% DEA + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 10.01
 α : 1.21
CAS #: 59729-33-8
Catalog #: 1-784104-300



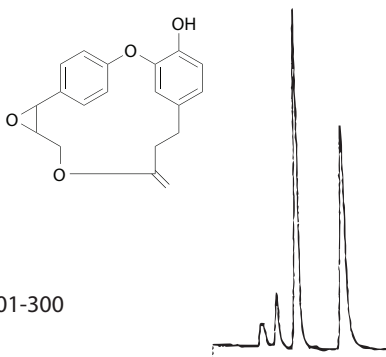
Clenbuterol

Column: (R) α -Burke 2,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
CH₂Cl₂/Ethanol
+0.01 M Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 12.0 min
k': 4.99
 α : 1.09
Catalog #: 1-735035-300



Combretastatin D-1

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (20/80)
IPA/Hexane
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
Run Time: 13 min
k': 4.54
 α : 1.45
Catalog #: 1-780101-300, 1-780201-300



Coumachlor

Column: (R,R) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (65/35)

Hexane/Ethanol

+ 0.1% Acetic Acid

Flow Rate: 1.5 mL/min

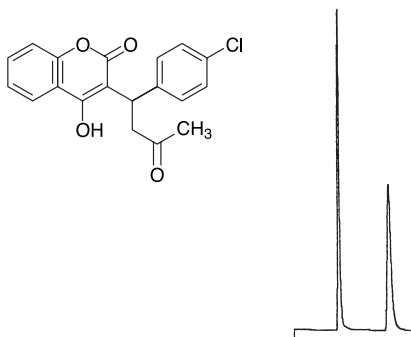
Detection: UV 254 nm

Run Time: 10.0 min

k': 1.48

α : 2.90

Catalog #: 1-780201-300



Coumachlor

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (60/40)

CO₂/CH₃OH

Flow Rate: 4.0 mL/min

Temperature: 40 °C

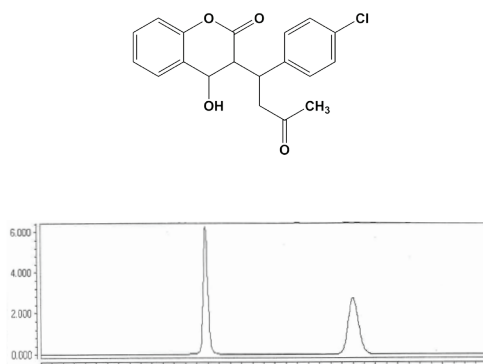
Pressure: 125 bar

Detection: UV 254 nm

k': 2.29

α : 2.28

Catalog #: 1-780101-300



Coumachlor

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

CO₂/CH₃OH

Flow Rate: 4.0 mL/min

Temperature: 40 °C

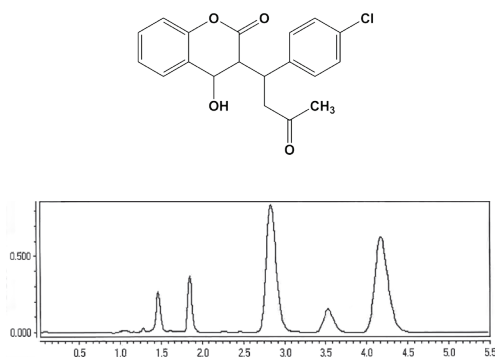
Pressure: 125 bar

Detection: UV 254 nm

k': 2.78

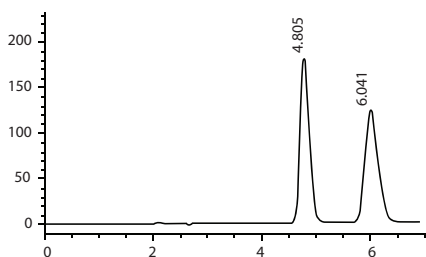
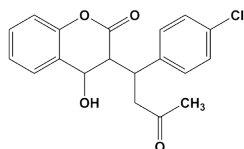
α : 1.64

Catalog #: 1-783104-300



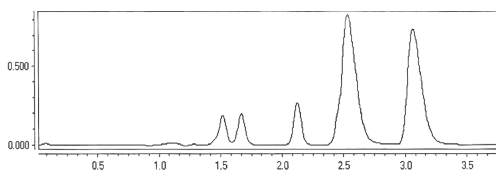
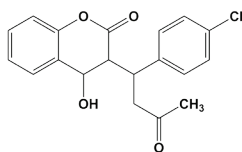
Coumachlor

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol
+ 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.53
 α : 1.43
CAS #: 81-82-3
Catalog #: 1-784104-300



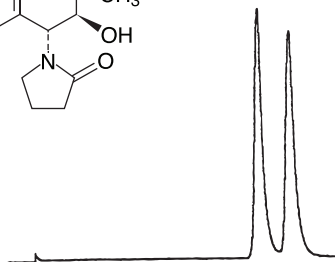
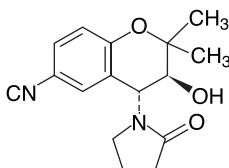
Coumachlor

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
 $\text{CO}_2/\text{CH}_3\text{OH}$
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 2.38
 α : 1.30
Catalog #: 1-784104-300



Cromakalim

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (92/8)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 21.0 min
k': 9.18
 α : 1.14
Catalog #: 1-780101-300



Cromakalim

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temp: 40 °C

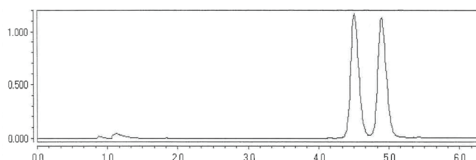
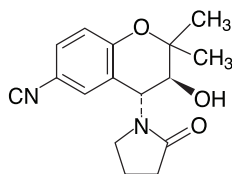
Pressure: 125 bar

Detection: UV 220 nm

k': 5.01

α : 1.10

Catalog #: 1-780101-300



Cromakalim

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

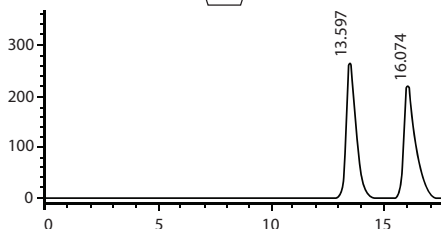
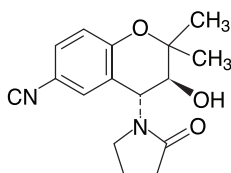
Detection: UV 254 nm

k': 6.12

α : 1.22

CAS #: 94470-67-4

Catalog #: 1-783104-300



Cromakalim

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15) CO₂/IPA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

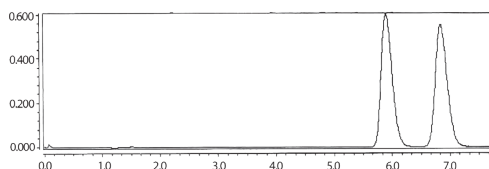
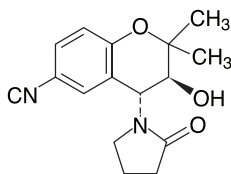
Pressure: 125 bar

Detection: UV 254 nm

k': 6.87

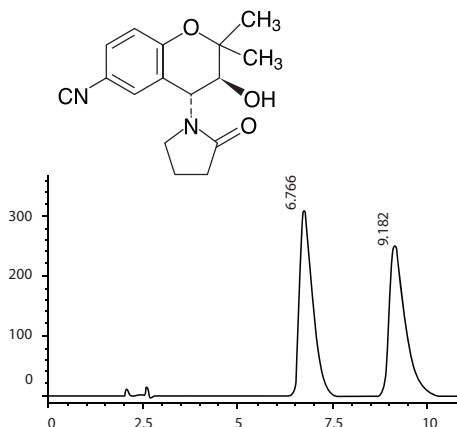
α : 1.18

Catalog #: 1-783104-300



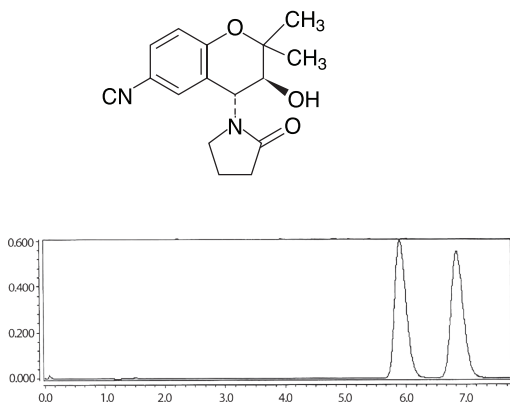
Cromakalim

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.57
 α : 1.49
CAS #: 94470-67-4
Catalog #: 1-784104-300



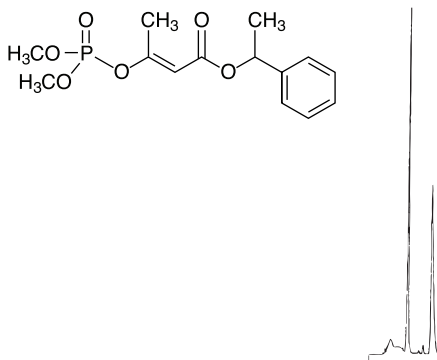
Cromakalim

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
 CO_2 /IPA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 1.19
 α : 1.86
Catalog #: 1-784104-300



Crotoxypfos

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 15 min
k': 4.37
 α : 1.93
Catalog #: 1-780101-300



Cyclandelate

Mixture of Isomers

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

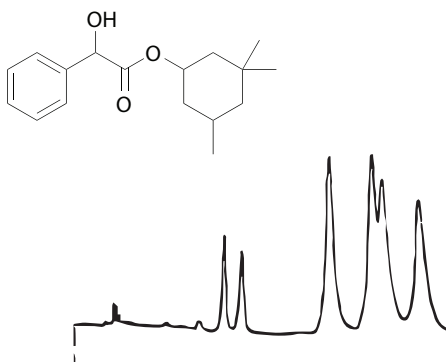
Mobile Phase: 100%
Hexane

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 35 min

Catalog #: 1-780101-300



Cyclandelate

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

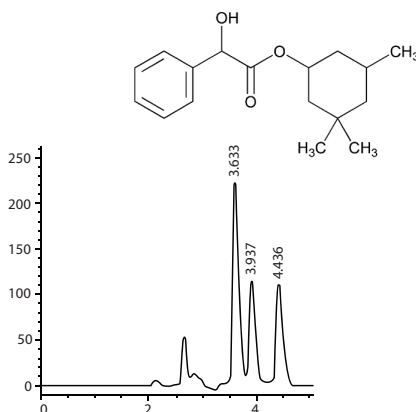
Mobile Phase: (92/8)
Hexane/IPA + 0.1% DEA

Flow Rate: 1.5 mL/min

Detection: UV 254 nm

CAS #: 456-59-7

Catalog #: 1-783104-300



Cyclandelate

Column: RegisCell,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)
Hexane/IPA

Flow Rate: 1.5 mL/min

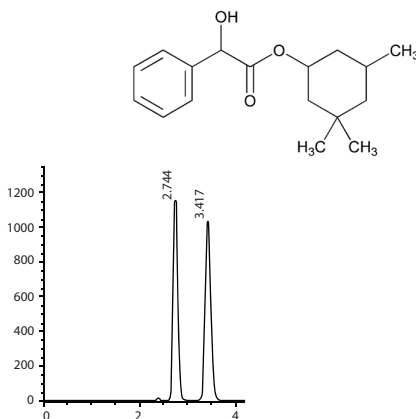
Detection: UV 220 nm

k'_1 : 0.44

α : 1.80

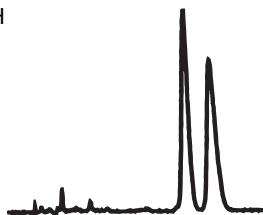
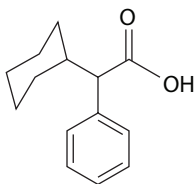
CAS #: 456-59-7

Catalog #: 1-784104-300



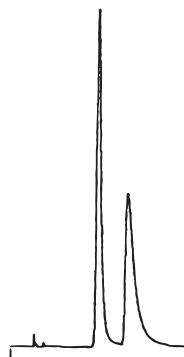
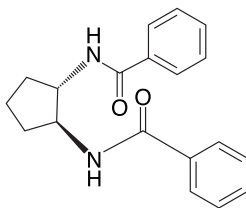
1-Cyclohexyl-1-phenylAcetic Acid

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (99/1)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 13.0 min
k': 2.53
 α : 1.18
Reference: 43
Catalog #: 1-787100-300



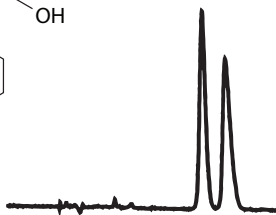
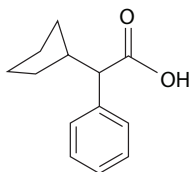
Cyclopentyl Benzoyl-Diamide

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 8.7 min
k': 2.62
 α : 1.47
Catalog #: 1-787100-300



1-Cyclopentyl-1-phenylAcetic Acid

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (99/1)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 12.0 min
k': 2.46
 α : 1.19
Reference: 43
Catalog #: 1-787100-300



Cyclophosphamide

Column: (S,S) Whelk-O 1,

10 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

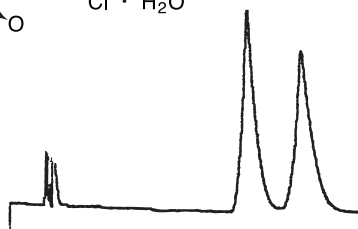
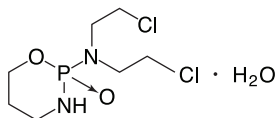
Detection: UV 195 nm

Run Time: 16.0 min

k': 6.31

α : 1.27

Catalog #: 1-786515-300



Cyclothiazide

Column: (S,S) ULMO,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)

Hexane/IPA

+ 0.1% Acetic Acid

Flow Rate: 1.5 mL/min

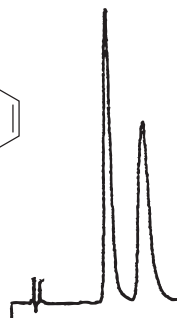
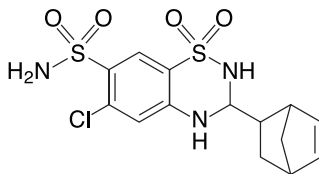
Detection: UV 254 nm

Run Time: 12.0 min

k': 3.71

α : 1.47

Catalog #: 1-787100-300



cis:trans Cypermethrin

Column: (3R,4S) Pirkle 1-J,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (98/2) Hexane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 22.0 min

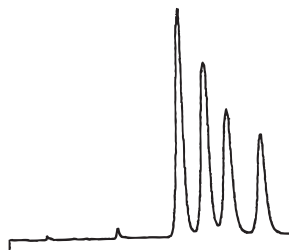
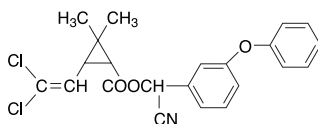
k' (trans): 4.59

α (trans): 1.19

k' (cis): 6.19

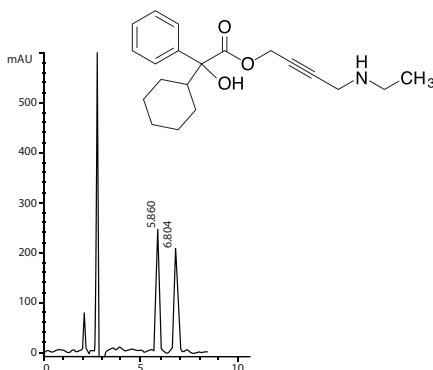
α (cis): 1.18

Catalog #: 1-731044-300



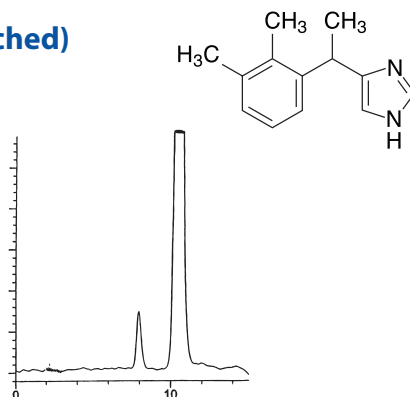
Desethyloxybutynin

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 2.08
 α : 1.24
CAS #: 81039-77-2
Catalog #: 1-783104-300



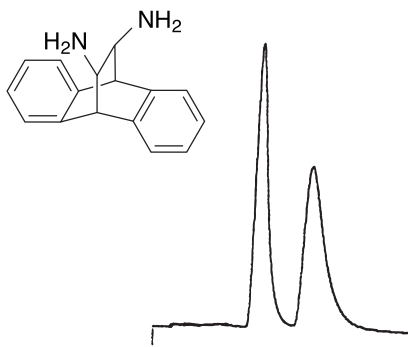
Dexmedetomidine (Enriched)

Column: (S,S) Whelk-O 2,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol
+ 10 mM Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 3.41
 α : 1.39
Catalog #: 1-786415-300



trans-11,12-Diamino-9,10-dihydro-9,10-ethanoanthracene

Column: ChiroSil RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (80/20)
CH₂OH/H₂O
+ 0.1% Phosphoric acid
Flow Rate: 1.0 mL/min
Detection: UV 220 nm
Run Time: 10.7 min
k': 3.22
 α : 1.65
Catalog #: 1-799001-300



2,3-Dibenzoyl-Tartaric Acid

Column: (R,R) ULMO,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/Ethanol +

10 mM Ammonium Acetate

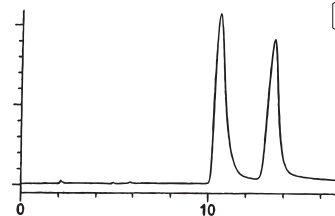
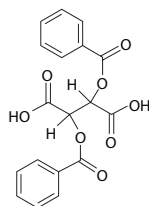
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 4.87

α : 1.33

Catalog #: 1-787400-300



Diclofop Methyl

Herbicide

Column: Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: 100% Hexane

Flow Rate: 1.0 mL/min

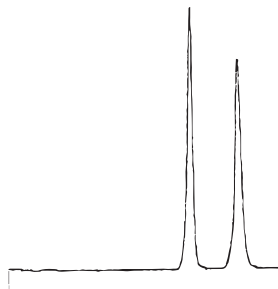
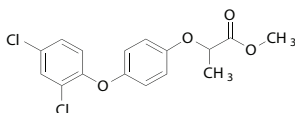
Detection: UV 254 nm

Run Time: 30 min

k': 14.19

α : 1.30

Catalog #: 1-780101-300, 1-780201-300



Diclofop Methyl

Column: Reflect I-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO₂/Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

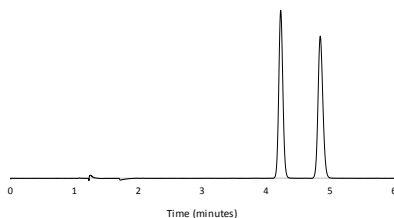
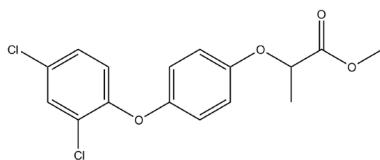
Detection: UV 210 nm

k': 3.22

α : 1.19

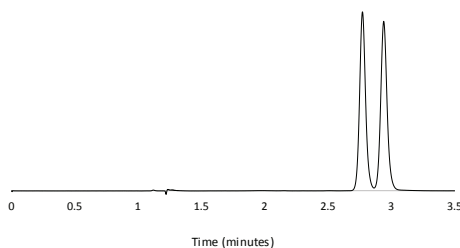
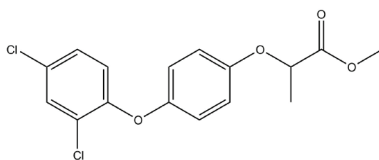
CAS#: 51338-27-3

Catalog #: 1-592204-300



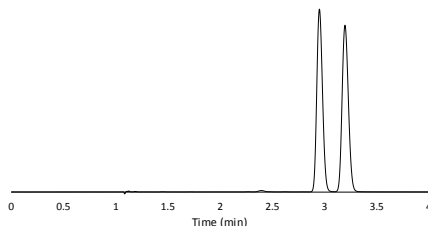
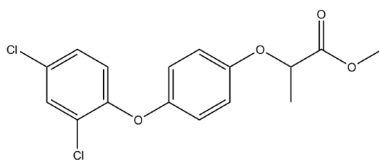
Diclofop Methyl

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5) CO₂/Methanol
Flow Rate: 3.0 mL/min
Temperature: 30 °C
Pressure: 150 bar
Detection: UV 210 nm
k': 1.77
 α : 1.09
CAS#: 51338-27-3
Catalog #: 1-593204-300



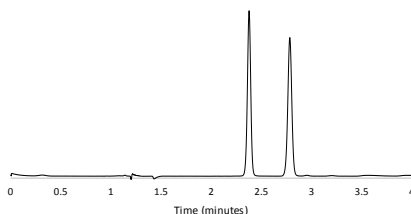
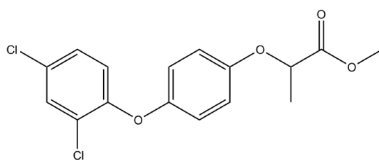
Diclofop Methyl

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10) CO₂/Methanol
Flow Rate: 3.0 mL/min
Temperature: 30 °C
Pressure: 150 bar
Detection: UV 210 nm
k': 1.94
 α : 1.13
CAS#: 51338-27-3
Catalog #: 1-580204-300



Diclofop Methyl

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10) CO₂/IPA
Flow Rate: 3.0 mL/min
Temperature: 30 °C
Pressure: 150 bar
Detection: UV 210 nm
k': 1.37
 α : 1.30
CAS#: 51338-27-3
Catalog #: 1-590204-300



Dihydroquinazolinones

6,7-dimethoxy-3-(tetrahydro-2-furanylmethyl)-2,4(1H,3H)-quinazolin-1-one

Column: RegisPack, 5 μm ,

25 cm x 4.6 mm

Mobile Phase: (85/15)

Hexane/IPA

Flow Rate: 2.0 mL/min

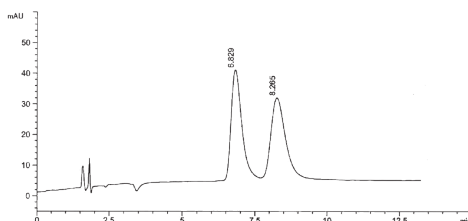
Detection: UV 220 nm

k'₁: 3.71

k'₂: 4.70

α : 1.27

Catalog #: 1-783104-300



Dihydroquinazolinones

6,7-dimethoxy-3-(tetrahydro-2-furanylmethyl)-2,4(1H,3H)-quinazolin-1-one

Column: RegisCell,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

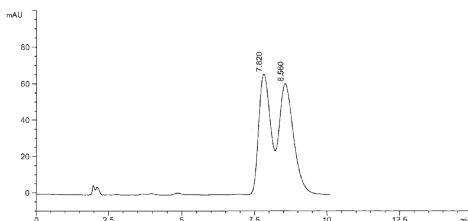
Detection: UV 220 nm

k'₁: 3.12

k'₂: 3.51

α : 1.13

Catalog #: 1-784104-300



Dihydroquinazolinones

1-allyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/Ethanol

Flow Rate: 2.0 mL/min

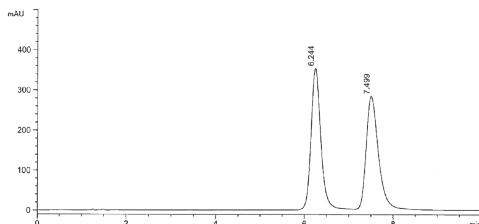
Detection: UV 220 nm

k'₁: 3.30

k'₂: 4.17

α : 1.26

Catalog #: 1-780101-300



Dihydroquinazolinones

1-allyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: Whelk-O 1, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

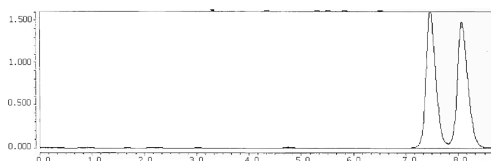
Detection: UV 254 nm

k'₁: 8.97

k'₂: 9.76

α : 1.09

Catalog #: 1-780101-300, 1-780201-300



Dihydroquinazolinones

1-allyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (50/50)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

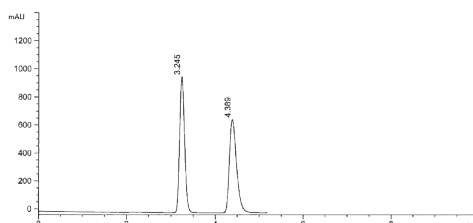
Detection: UV 220 nm

k'₁: 0.71

k'₂: 1.31

α : 1.85

Catalog #: 1-783104-300



Dihydroquinazolinones

1-allyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

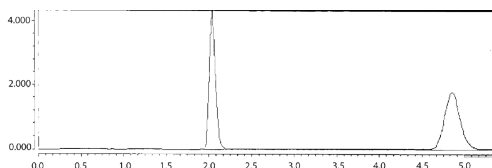
Detection: UV 254 nm

k'₁: 1.72

k'₂: 5.48

α : 3.19

Catalog #: 1-783104-300



Dihydroquinazolinones

1-allyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'-(1H,3'H)-dione

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

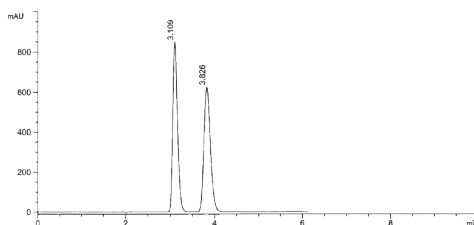
Detection: UV 220 nm

k'₁: 0.64

k'₂: 1.02

α : 1.59

Catalog #: 1-784104-300



Dihydroquinazolinones

1-allyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'-(1H,3'H)-dione

Column: RegisCell, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

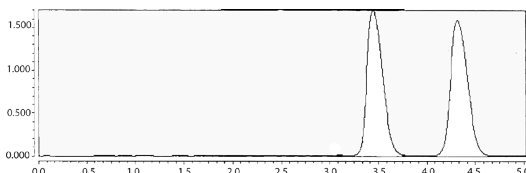
Detection: UV 254 nm

k'₁: 3.60

k'₂: 4.76

α : 1.32

Catalog #: 1-784104-300



Dihydroquinazolinones

1-propyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'-(1H,3'H)-dione

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (65/35)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

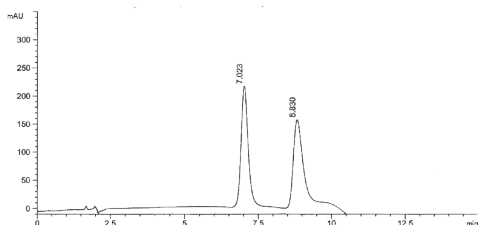
Detection: UV 220 nm

k'₁: 2.70

k'₂: 3.65

α : 1.35

Catalog #: 1-780101-300



Dihydroquinazolinones

1-propyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: Whelk-O 1, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25) CO_2 /Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 124 bar

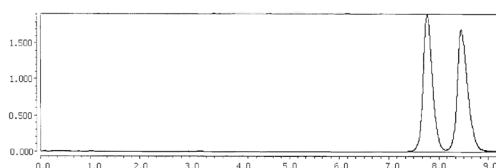
Detection: UV 254 nm

k'₁: 9.36

k'₂: 10.28

α : 1.10

Catalog #: 1-780101-300



Dihydroquinazolinones

1-propyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: RegisPack, 5 μm ,
25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

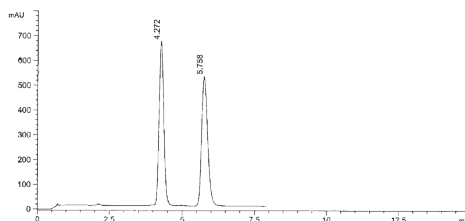
Detection: UV 220 nm

k'₁: 1.25

k'₂: 2.03

α : 1.62

Catalog #: 1-783104-300



Dihydroquinazolinones

1-propyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35)

CO_2 /CH₃OH

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 125 bar

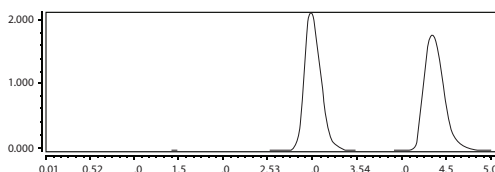
Detection: UV 254 nm

k'₁: 3.01

k'₂: 4.83

α : 1.60

Catalog #: 1-783104-300



Dihydroquinazolinones

1-propyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: RegisCell, 5 μm ,
25 cm x 4.6 mm

Mobile Phase: (85/15)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

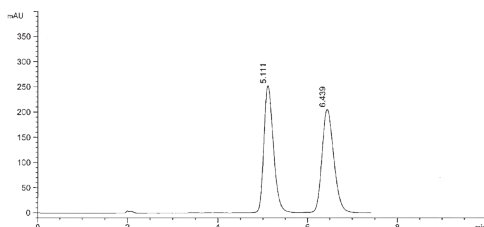
Detection: UV 220 nm

k'₁: 1.69

k'₂: 2.39

α : 1.41

Catalog #: 1-784104-300



Dihydroquinazolinones

1-propyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: RegisCell, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temp: 40 °C

Pressure: 124 bar

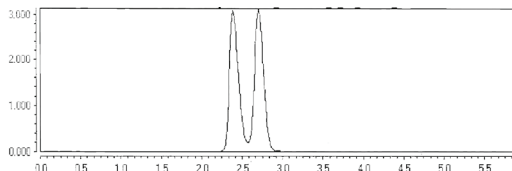
Detection: UV 254 nm

k'₁: 2.19

k'₂: 2.61

α : 1.19

Catalog #: 1-784104-300



Dihydroquinazolinones

1-isobutyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

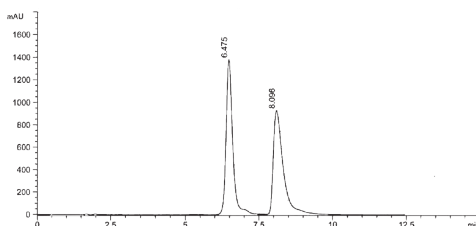
Detection: UV 220 nm

k'₁: 2.41

k'₂: 3.26

α : 1.35

Catalog #: 1-780101-300



Dihydroquinazolinones

1-isobutyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: (S,S) Whelk-O 1, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30) CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

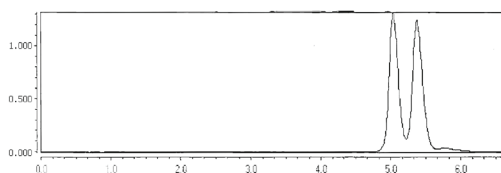
Detection: UV 254 nm

k'₁: 5.72

k'₂: 6.17

α : 1.08

Catalog #: 1-780101-300



Dihydroquinazolinones

1-isobutyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

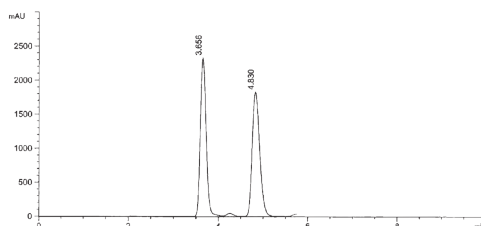
Detection: UV 220 nm

k'₁: 0.92

k'₂: 1.54

α : 1.67

Catalog #: 1-783104-300



Dihydroquinazolinones

1-isobutyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 123 bar

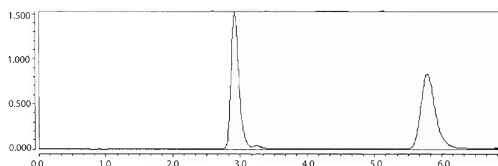
Detection: UV 254 nm

k'₁: 2.89

k'₂: 6.72

α : 2.33

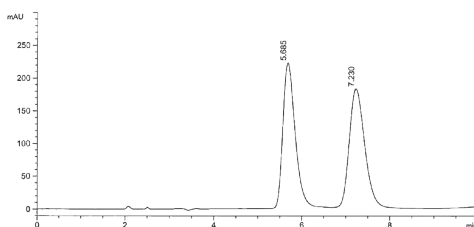
Catalog #: 1-783104-300



Dihydroquinazolinones

1-isobutyl-1'H-spiro[indole-3,2'-quinazoline]-2,4'(1H,3'H)-dione

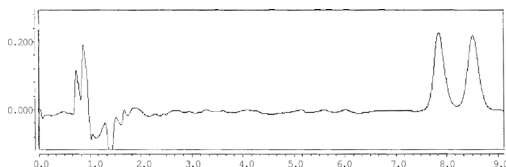
Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k'₁: 1.99
k'₂: 2.81
 α : 1.41
Catalog #: 1-784104-300



Dihydroquinazolinones

4,4,6-trimethyl-1'H,4H-spiro[pyrrolo[3,2,1-ij]quinoline-1,2'-quinazoline]-2,4'(3'H)-dione

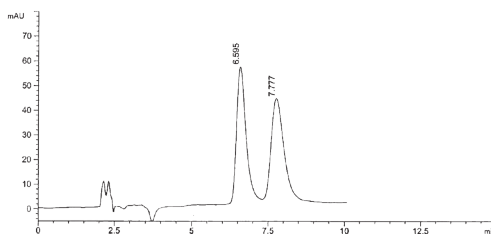
Column: (S,S) Whelk-O 1, 5 μ m, 25 cm x 4.6 mm
Mobile Phase: (75/25)
CO₂/IPA + 0.2% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k'₁: 9.47
k'₂: 10.36
 α : 1.09
Catalog #: 1-780101-300



Dihydroquinazolinones

4,4,6-trimethyl-1'H,4H-spiro[pyrrolo[3,2,1-ij]quinoline-1,2'-quinazoline]-2,4'(3'H)-dione

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k'₁: 2.47
k'₂: 3.09
 α : 1.25
Catalog #: 1-783104-300



Dihydroquinazolinones

4,4,6-trimethyl-1'H,4H-spiro[pyrrolo[3,2,1-ij]quinoline-1,2'-quinazoline]-2,4'(3'H)-dione

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
CO₂/CH₃OH + 0.2% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

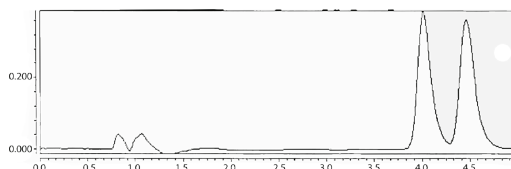
Detection: UV 220 nm

k'₁: 4.36

k'₂: 4.96

α : 1.14

Catalog #: 1-783104-300



Dihydroquinazolinones

4,4,6-trimethyl-1'H,4H-spiro[pyrrolo[3,2,1-ij]quinoline-1,2'-quinazoline]-2,4'(3'H)-dione

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

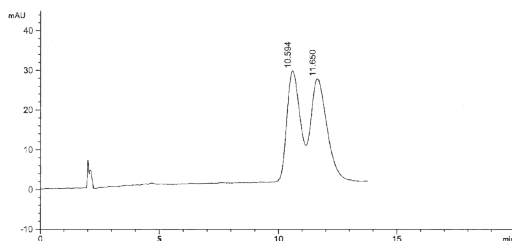
Detection: UV 220 nm

k'₁: 4.58

k'₂: 5.13

α : 1.12

Catalog #: 1-784104-300



Dihydroquinazolinones

4,4,6-trimethyl-1'H,4H-spiro[pyrrolo[3,2,1-ij]quinoline-1,2'-quinazoline]-2,4'(3'H)-dione

Column: RegisCell, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (75/25)

CO₂/IPA + 0.2% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

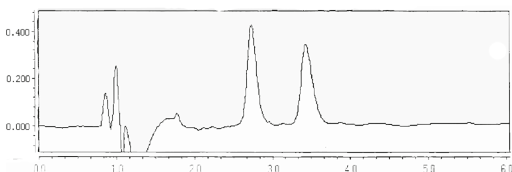
Detection: UV 220 nm

k'₁: 2.64

k'₂: 3.57

α : 1.35

Catalog #: 1-784104-300



Dihydrotetrabenazine

Column: (S,S) Whelk-O 1,

10 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/IPA + 0.1% TFA

Flow Rate: 1.5 mL/min

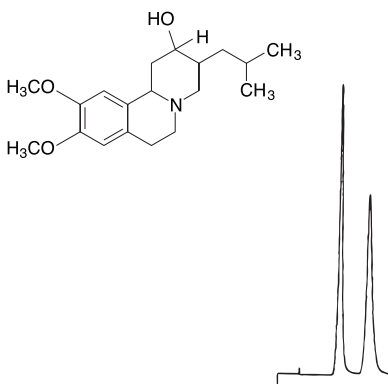
Detection: UV 280 nm

Run Time: 9.3 min

k': 2.50

α : 1.65

Catalog #: 1-786515-300



r-7,t-8-Dihydroxy-t-9, 10-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene

Column: (R,R) β -Gem 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/EtOH

Flow Rate: 1.0 mL/min

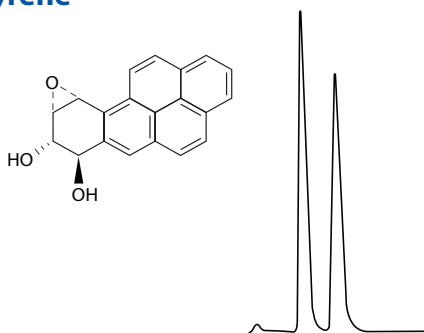
Detection: UV 254 nm

Run Time: 14 min

k': 3.18

α : 1.25

Catalog #: 1-731043-300



Dimethenamid-P

Column: Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/IPA

Flow Rate: 2.0 mL/min

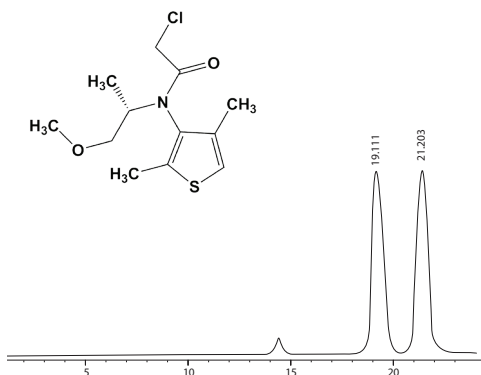
Detection: UV 237 nm

k': 12.18

α : 1.12

Catalog #: 1-780101-300;

1-780201-300



3,5-Dimethylanilide-R,S-Ibuprofen

Column: (3R,4S) Pirkle 1-J,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

Hexane/IPA

Flow Rate: 1.0 mL/min

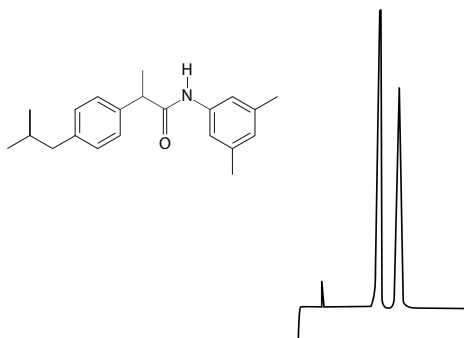
Detection: UV 254 nm

Run Time: 13.0 min

k': 2.91

α : 1.36

Catalog #: 1-731044-300



Dinocap

Fungicide (mixture of isomers)

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

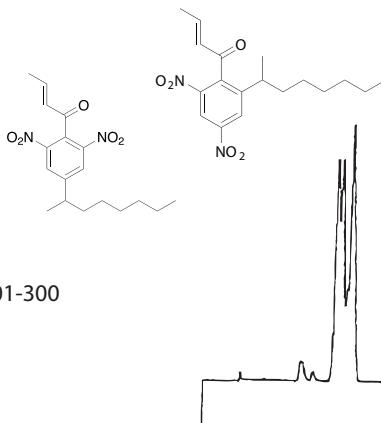
Mobile Phase: 100% Hexane

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 15 min

Catalog #: 1-780101-300, 1-780201-300



Dinoseb

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5) CO₂/
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

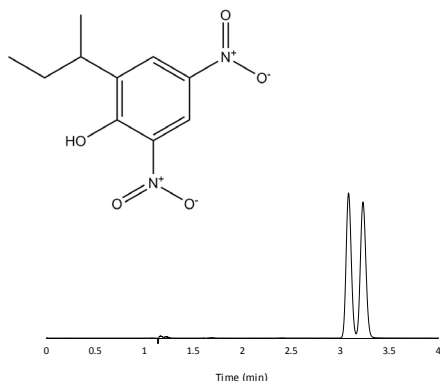
Detection: UV 210 nm

k': 2.08

α : 1.08

CAS #: 88-85-7

Catalog #: 1-580204-300



Diperodon

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (100/0.1)
Ethanol/DEA

Flow Rate: 1.0 mL/min

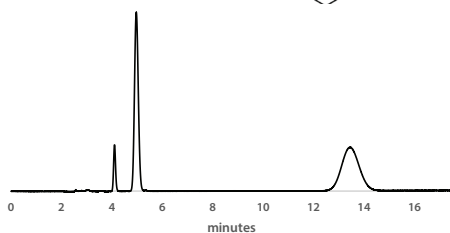
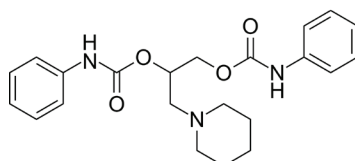
Detection: UV 254 nm

k': 0.60

α : 5.55

CAS #: 101-08-6

Catalog #: 1-580204-300



Diperodon

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (100/0.1)
Ethanol/DEA

Flow Rate: 1.0 mL/min

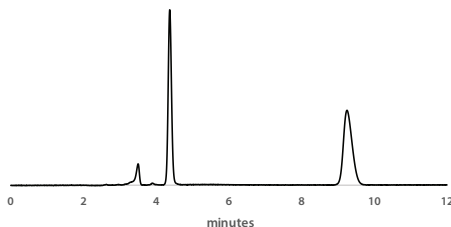
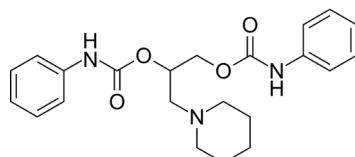
Detection: UV 254 nm

k': 1.18

α : 3.06

CAS #: 101-08-6

Catalog #: 1-590204-300



Diperodon

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (100/0.1)
Ethanol/DEA

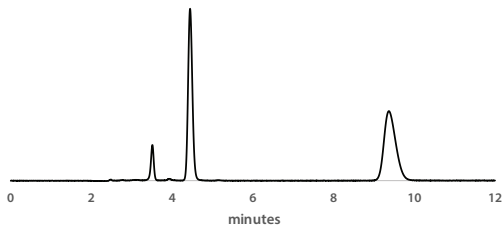
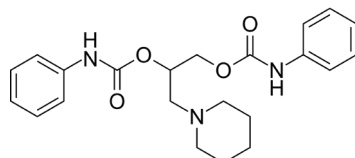
Flow Rate: 1.0 mL/min

Detection: UV 254 nm

k': .48

α : 4.44

Catalog #: 1-592204-30



Disopyramide

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)

Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

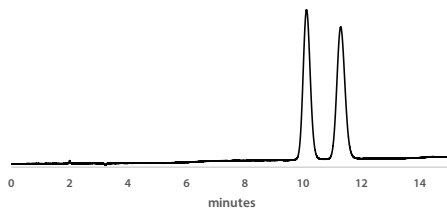
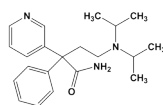
Detection: UV 254 nm

k': 4.04

α : 1.14

CAS #: 3737-09-5

Catalog #: 1-580204-300



Disopyramide

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)

Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

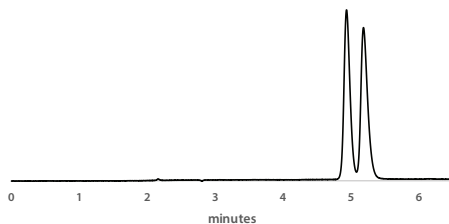
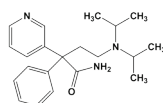
Detection: UV 254 nm

k': 1.46

α : 1.09

CAS #: 3737-09-5

Catalog #: 1-590204-300



Disopyramide

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)

Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

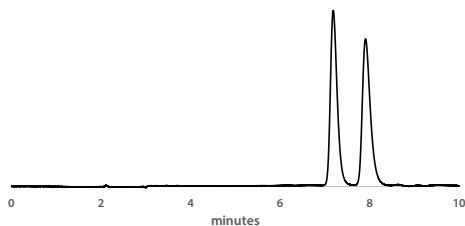
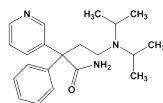
Detection: UV 254 nm

k': 2.59

α : 1.14

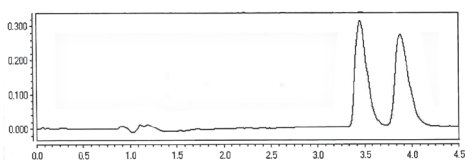
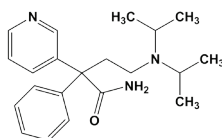
CAS #: 3737-09-5

Catalog #: 1-591204-300



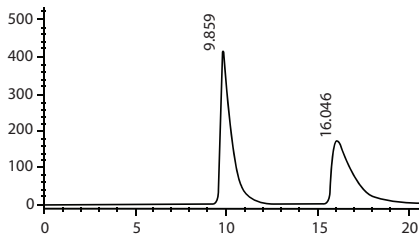
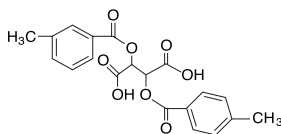
Disopyramide

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
CO₂/IPA + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 3.59
 α : 1.16
Catalog #: 1-783104-300



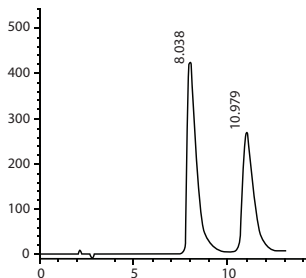
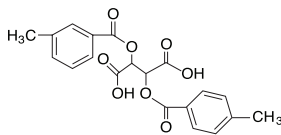
Ditoluoyltartaric Acid

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 4.11
 α : 1.78
Catalog #: 1-783104-300



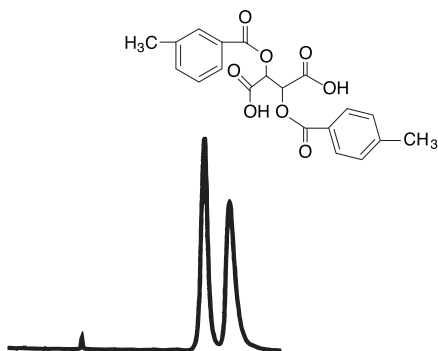
Ditoluoyltartaric Acid

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 3.16
 α : 1.48
Catalog #: 1-784104-300



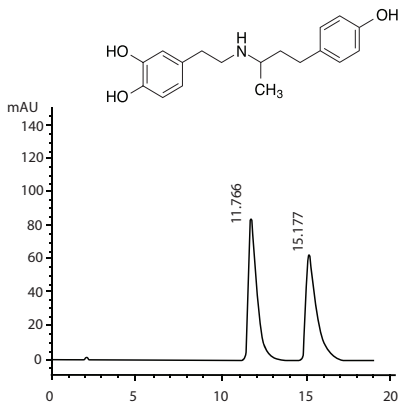
Ditoluoyltartaric Acid

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 12.0 min
k': 2.47
 α : 1.19
Reference: 48
Catalog #: 1-787100-300



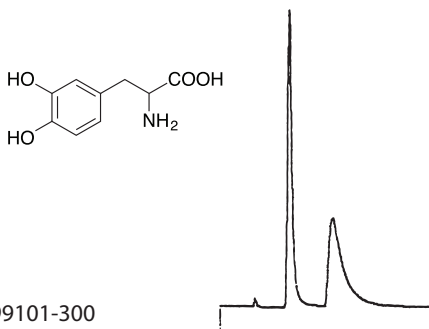
Dobutamine

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 280 nm
k': 5.19
 α : 1.35
CAS #: 34368-04-2
Catalog #: 1-783104-300



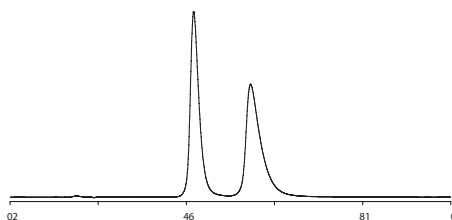
Dihydroxyphenylalanine

Column: ChiroSil,
5 μm , 15 cm x 4.6 mm
Mobile Phase: (70/30)
 $\text{CH}_3\text{OH}/\text{H}_2\text{O}$
+0.01% Phosphoric acid
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Run Time: 5.5 min
k': 0.97
 α : 2.30
Catalog #: 1-799001-300, 1-799101-300



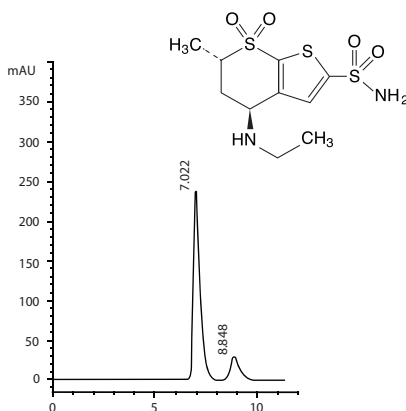
DL-Dihydroxyphenylalanine

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (30/70)
0.01% Phosphoric Acid / MeOH
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Temperature: 20 $^{\circ}\text{C}$
k': 1.20
 α : 1.57
Catalog #: 1-788001-300



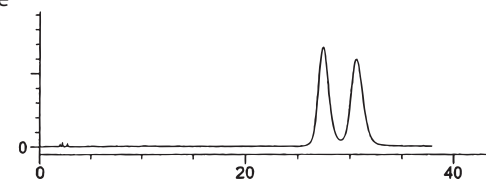
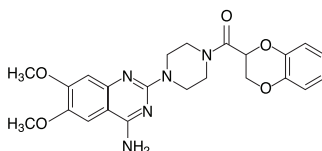
Enriched Dorzolamide

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.70
 α : 1.35
CAS #: 120279-96-1
Catalog #: 1-784104-300



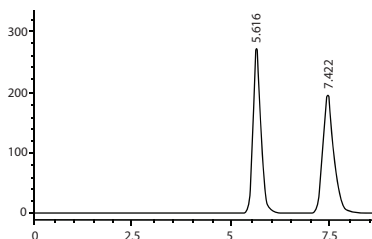
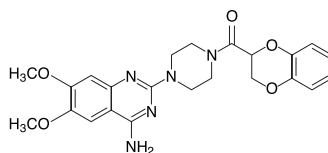
Doxazosin

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (66/29/5)
Hexane/ CH_2Cl_2 /Ethanol
+ 5 mM Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 14.2
 α : 1.13
Catalog #: 1-786615-300



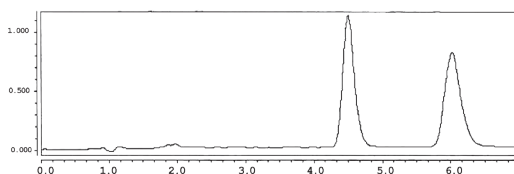
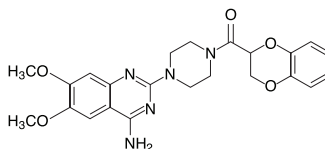
Doxazosin

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (65/35)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.96
 α : 1.49
CAS #: 77883-43-3
Catalog #: 1-783104-300



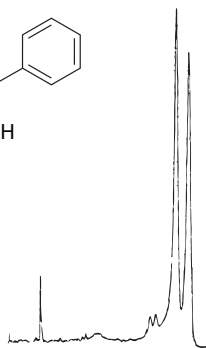
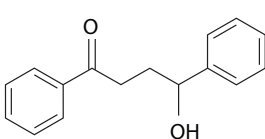
Doxazosin

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (65/35)
CO₂/IPA + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 5.00
 α : 1.41
Catalog #: 1-783104-300



DPHB

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (94/6)
Hexane/EtOH
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 41 min
Reference: 26
Catalog #: 1-780101-300,
1-780201-300



Dropropizine

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

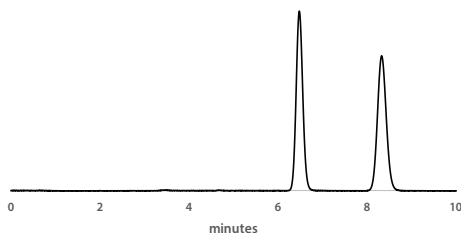
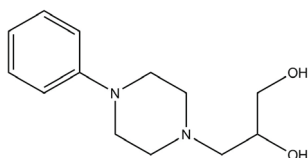
Detection: UV 254 nm

k'₁: 2.23

α : 1.41

CAS #: 17692-31-8

Catalog #: 1-580204-300



Dropropizine

Column: Reflect C-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

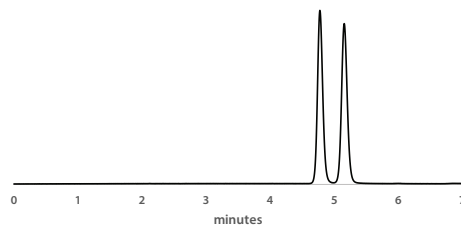
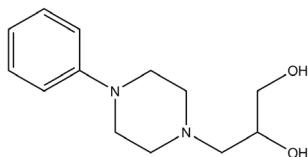
Detection: UV 254 nm

k'₁: 1.38

α : 1.14

CAS #: 17692-31-8

Catalog #: 1-590204-300



Dropropizine

Column: Reflect I-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

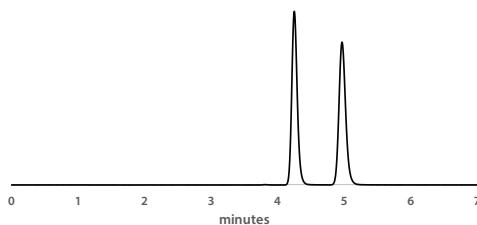
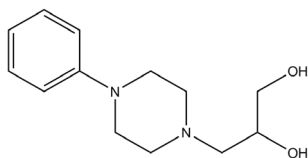
Detection: UV 254 nm

k'₁: 1.12

α : 1.32

CAS #: 17692-31-8

Catalog #: 1-591204-300



Dropropizine

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

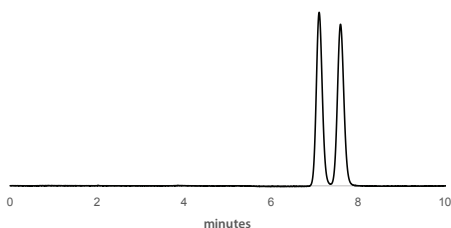
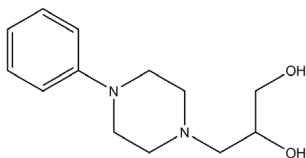
Detection: UV 254 nm

k': 2.55

α : 1.10

CAS #: 17692-31-8

Catalog #: 1-592204-300



Dropropizine

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30/0.1)
Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

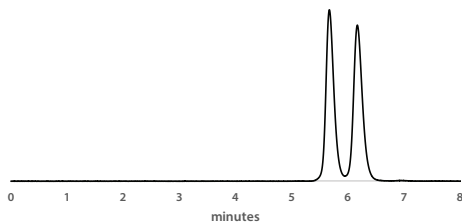
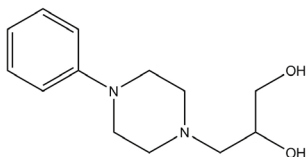
Detection: UV 254 nm

k': 1.83

α : 1.14

CAS #: 17692-31-8

Catalog #: 1-594204-300



Dylox

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO₂/Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

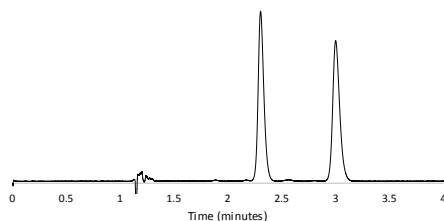
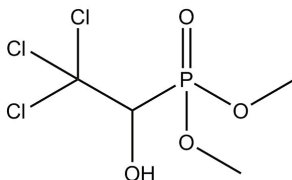
Detection: UV 210 nm

k': 1.30

α : 1.53

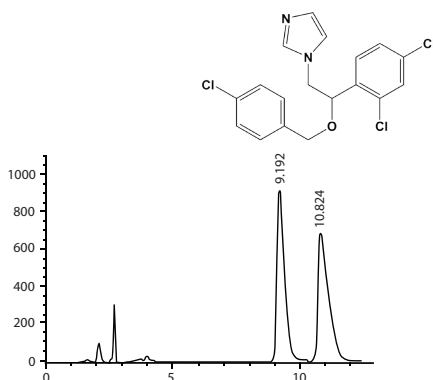
CAS #: 52-68-6

Catalog #: 1-593204-300



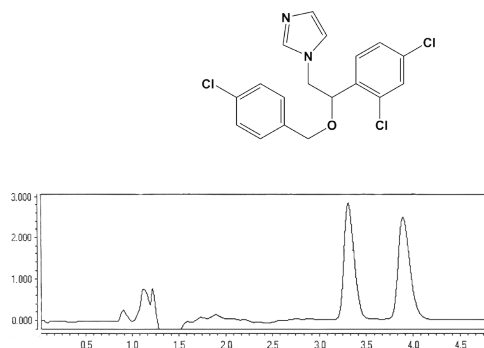
Econazole

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 3.84
 α : 1.22
CAS #: 27220-47-9
Catalog #: 1-783104-300



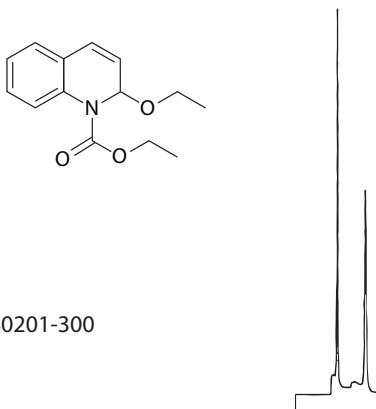
Econazole

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (75/25)
CO₂/IPA + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k': 3.42
 α : 1.23
Catalog #: 1-783104-300



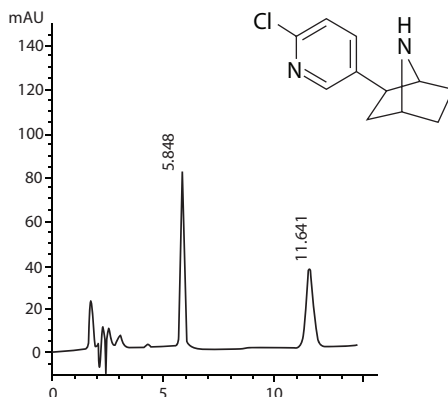
EEDQ

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 25 min
k': 1.53
 α : 2.13
Catalog #: 1-780101-300, 1-780201-300



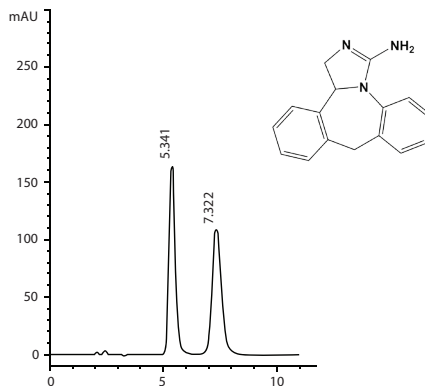
Epibatidine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: 100%
Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 2.08
 α : 2.44
CAS #: 140111-52-0
Catalog #: 1-783104-300



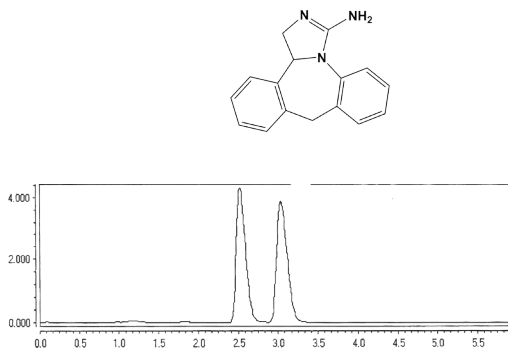
Epinastine

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/IPA + 0.1% DEA
+ 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.81
 α : 2.85
CAS #: 80012-43-7
Catalog #: 1-784104-300



Epinastine

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
CO₂/CH₃OH + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k': 2.37
 α : 1.29
Catalog #: 1-784104-300



EPN

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /IPA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

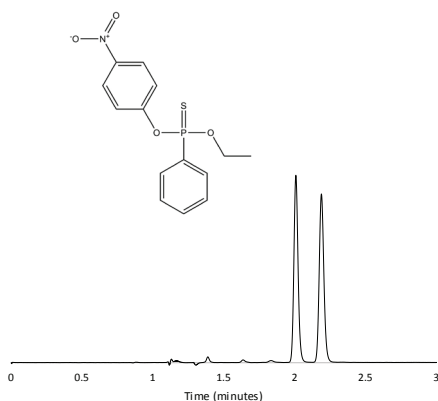
Detection: UV 210 nm

k' : 1.00

α : 1.18

CAS #: 2104-64-5

Catalog #: 1-591204-300



EPN

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /IPA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

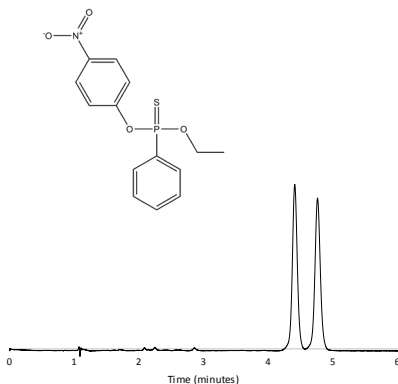
Detection: UV 210 nm

k' : 3.40

α : 1.10

CAS #: 2104-64-5

Catalog #: 1-594204-300



EPN

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /IPA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

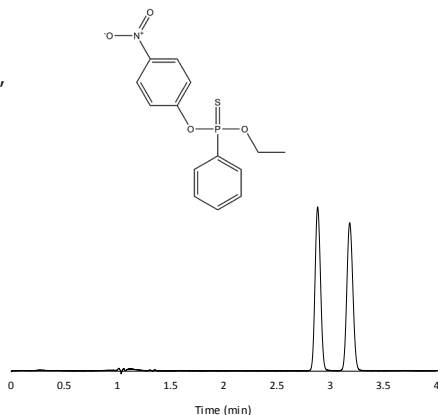
Detection: UV 210 nm

k' : 1.88

α : 1.16

CAS #: 2104-64-5

Catalog #: 1-580204-300



EPN

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /IPA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

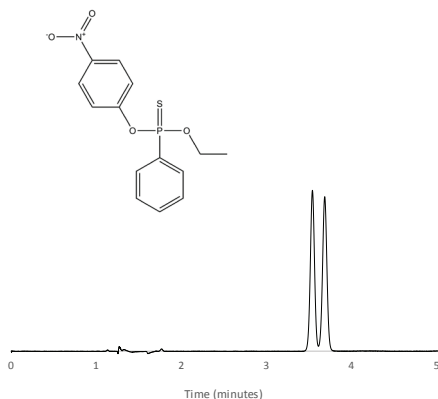
Detection: UV 210 nm

k' : 2.53

α : 1.06

CAS #: 2104-64-5

Catalog #: 1-590204-300



Ethionine

Column: ChiroSil,

5 μm , 15 cm x 4.6 mm

Mobile Phase: (75/25)

$\text{CH}_3\text{OH}/\text{H}_2\text{O}$ + 0.02% Acetic Acid

Flow Rate: 1.0 mL/min

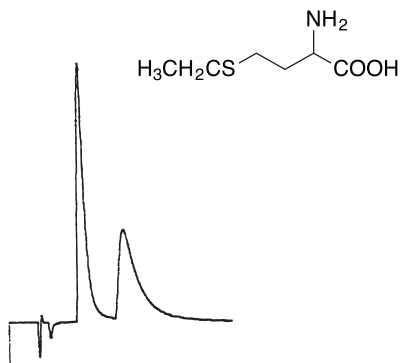
Detection: UV 210 nm

Run Time: 6.2 min

k' : 1.29

α : 2.07

Catalog #: 1-799001-300,
1-799101-300



Ethotoin

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (72/25)

Hexane/Ethanol

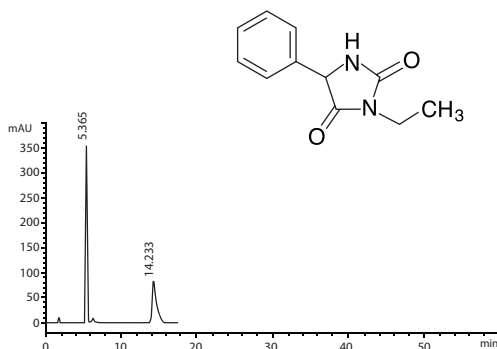
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k' : 1.78

α : 3.62

Catalog #: 1-780101-300



Ethotoin

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

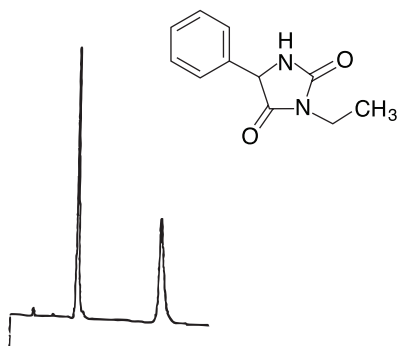
Detection: UV 254 nm

Run Time: 11.0 min

k': 1.65

α : 3.03

Catalog #: 1-780101-300



Ethofumesate

Column: Reflect I-Cellulose B,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

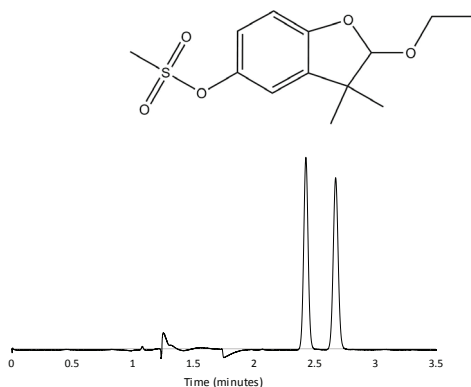
Detection: UV 210 nm

k': 1.42

α : 1.17

CAS #: 26225-79-6

Catalog #: 1-592204-300



Ethofumesate

Column: Reflect C-Cellulose B,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /IPA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

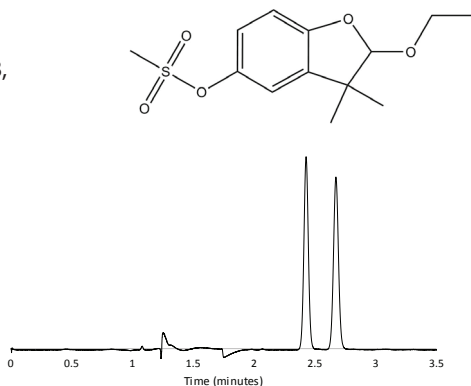
Detection: UV 210 nm

k': 1.05

α : 1.29

CAS #: 26225-79-6

Catalog #: 1-590204-300



Ethyl-2-(p-Hydroxyphenoxy) Propionate

Column: (S,S) Whelk-O 1,

10 μm , 25 cm x 4.6 mm

Mobile Phase: (98/2)

Hexane/Ethanol

Flow Rate: 2.0 mL/min

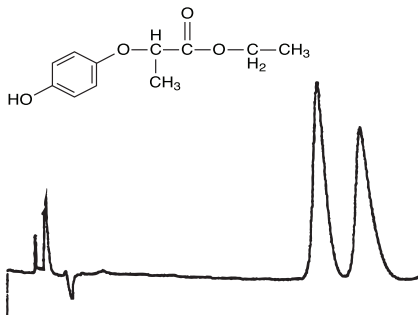
Detection: UV 254 nm

Run Time: 21.1 min

k': 12.72

α : 1.15

Catalog #: 1-786615-300



Etodolac

Column: (S,S) ULMO,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (98/2)

Hexane/IPA + 0.1% TFA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

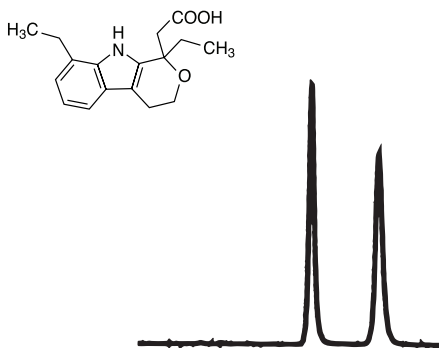
Run Time: 14.5 min

k': 2.43

α : 1.50

Reference: 48

Catalog #: 1-787100-300



Fendiline

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/IPA + 0.1% TFA

Flow Rate: 1.5 mL/min

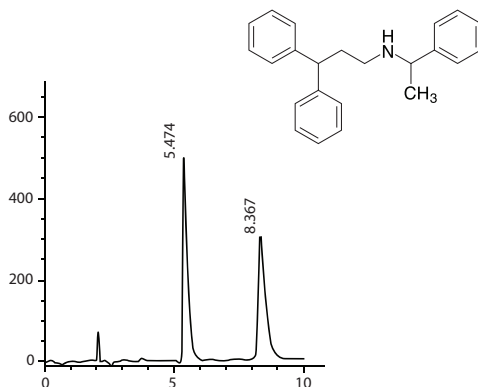
Detection: UV 220 nm

k': 1.88

α : 1.81

CAS #: 13042-18-7

Catalog #: 1-783104-300



Fenarimol

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

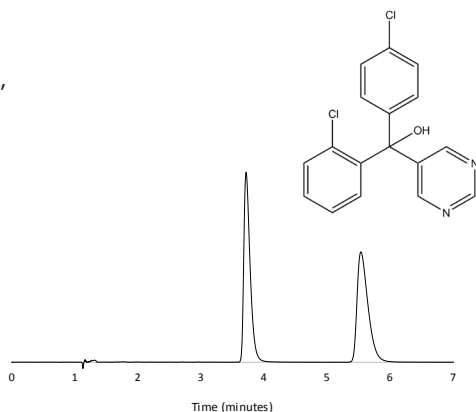
Detection: UV 210 nm

k' : 2.71

α : 1.67

CAS #: 162707-16-6

Catalog #: 1-591204-300



Fenarimol

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

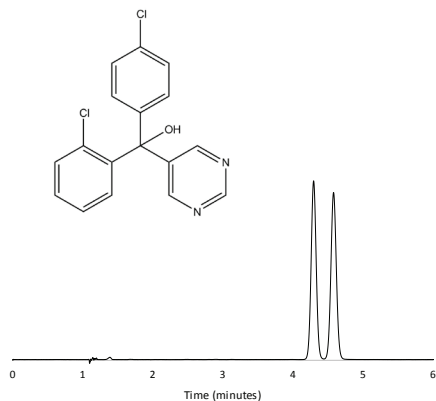
Detection: UV 210 nm

k' : 3.29

α : 1.08

CAS #: 162707-16-6

Catalog #: 1-592204-300



Fenarimol

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

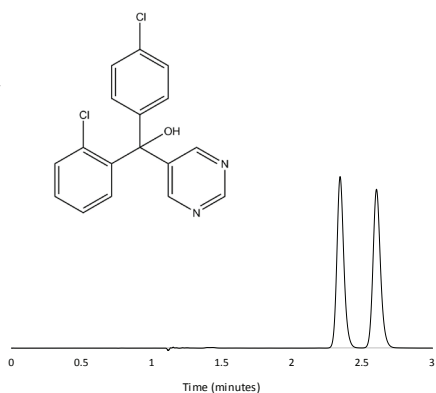
Detection: UV 210 nm

k' : 1.34

α : 1.19

CAS #: 162707-16-6

Catalog #: 1-593204-300



Fenarimol

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

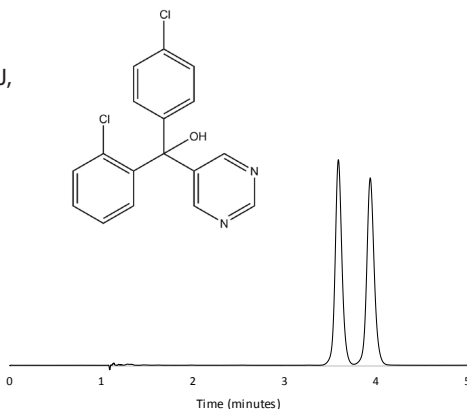
Detection: UV 210 nm

k' : 2.58

α : 1.13

CAS #: 162707-16-6

Catalog #: 1-594204-300



Fenarimol

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

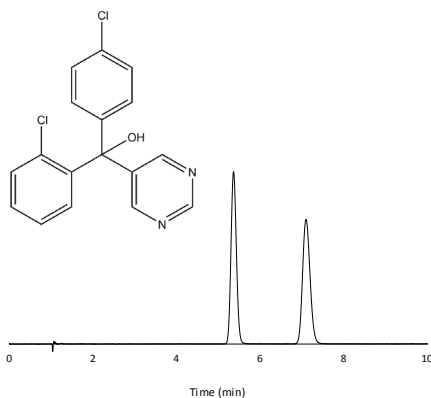
Detection: UV 210 nm

k' : 4.36

α : 1.

CAS #: 162707-16-6

Catalog #: 1-580204-300



Fenoprofen

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/IPA + 0.1% Acetic Acid

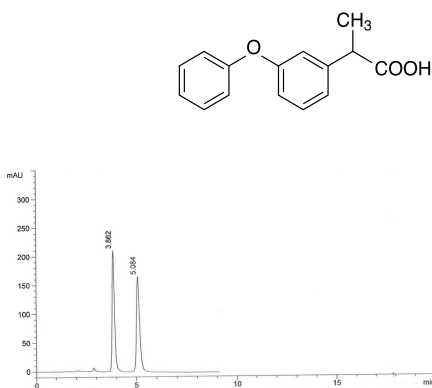
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k' : 1.00

α : 1.63

Catalog #: 1-780101-300



Fenoprofen

Column: (R,R) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (98/2)

Hexane/IPA +

0.1% Acetic Acid

Flow Rate: 1.0 mL/min

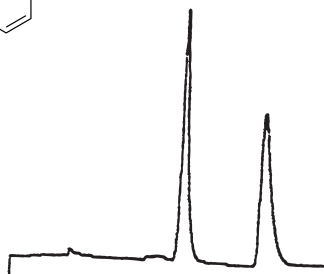
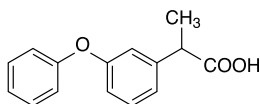
Detection: UV 254 nm

Run Time: 14.5 min

k': 2.62

α : 1.66

Catalog #: 1-780201-300



Fenoprofen

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

CO₂/Ethanol+.5% Acetic Acid

Flow Rate: 4.0 mL/min

Temperature: 40 °C

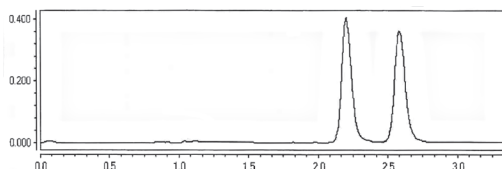
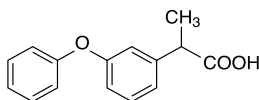
Pressure: 125 bar

Detection: UV 254 nm

k': 1.94

α : 1.26

Catalog #: 1-780101-300



Fenoprofen

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

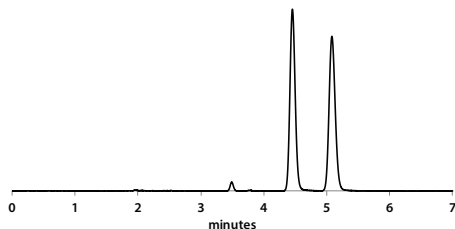
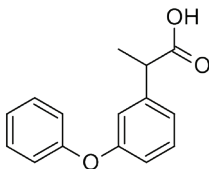
Detection: UV 254 nm

k': 1.22

α : 1.26

CAS#: 29679-58-1

Catalog #: 1-580204-300



Fenoterol

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

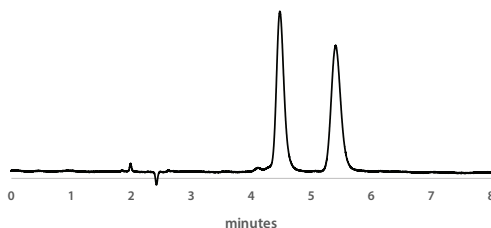
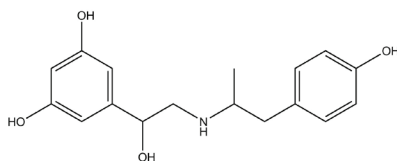
Detection: UV 220 nm

k': 1.24

α : 1.38

CAS #: 13392-18-2

Catalog #: 1-580204-300



Fenoterol

Column: Reflect I-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

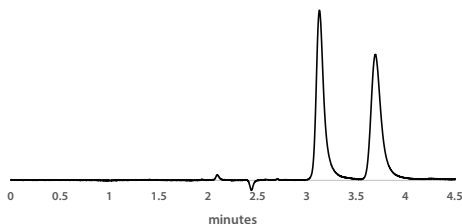
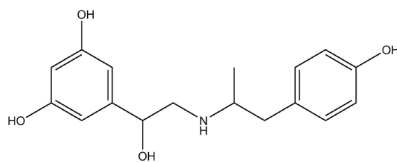
Detection: UV 220 nm

k': 0.56

α : 1.40

CAS #: 13392-18-2

Catalog #: 1-591204-300



Fenoterol

Column: Reflect I-Cellulose C,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)

Hexane/2-propanol/DEA

Flow Rate: 1.5 mL/min

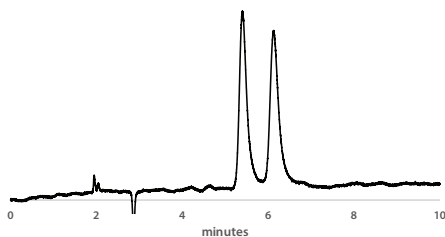
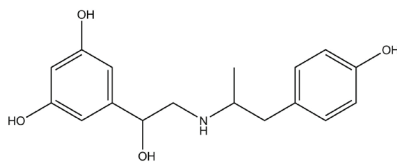
Detection: UV 220 nm

k': 1.70

α : 1.21

CAS #: 13392-18-2

Catalog #: 1-593204-300



Fenoprop

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /
IPA+0.5% TFA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

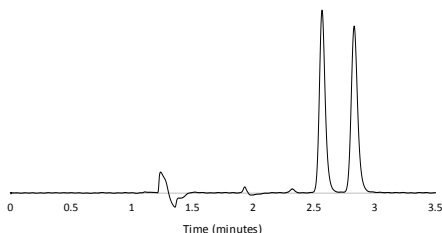
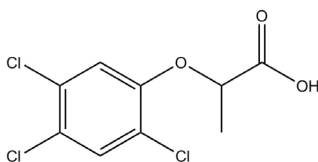
Detection: UV 210 nm

k' : 1.55

α : 1.17

CAS #: 93-72-1

Catalog #: 1-593204-300



Fenoprop

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol+0.2% TrifluoroAcetic
Acid

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

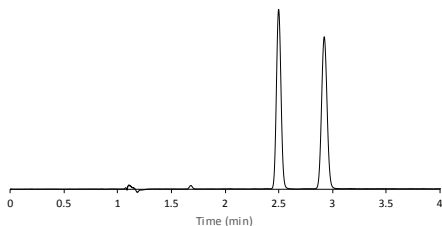
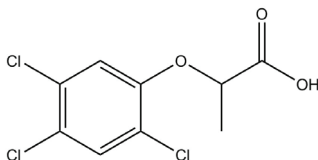
Detection: UV 210 nm

k' : 1.49

α : 1.28

CAS #: 93-72-1

Catalog #: 1-580204-300



Fenoxaprop-ethyl

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)
Hexane/IPA

Flow Rate: 1.5 mL/min

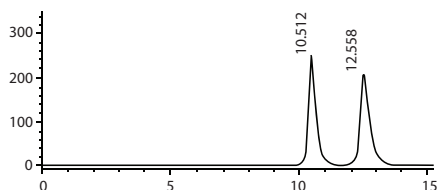
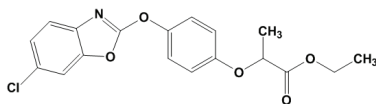
Detection: UV 254 nm

k' : 4.45

α : 1.24

CAS #: 66441-23-4

Catalog #: 1-780101-300,
1-780201-300



Fenoxaprop-ethyl

Column: (R,R) DACH-DNB,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/IPA

Temperature: 20 $^{\circ}\text{C}$

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

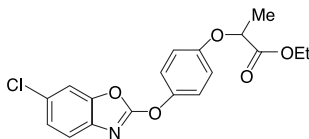
Run Time: 18.0 min

k': 4.70

α : 1.15

Reference: 59

Catalog #: 1-788101-300



Fenoxaprop-ethyl

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) Hexane/
Ethanol

Flow Rate: 1.5 mL/min

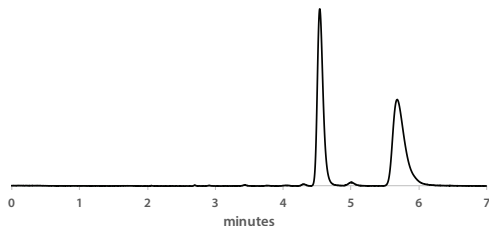
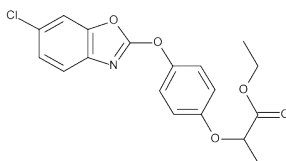
Detection: UV 254 nm

k': 1.27

α : 1.45

CAS #: 66441-23-4

Catalog #: 1-591204-300



Fenoxaprop-ethyl

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^{\circ}\text{C}$

Pressure: 150 bar

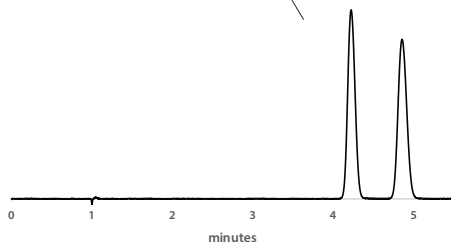
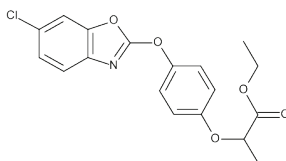
Detection: 3.0 mL/min

k': 2.03

α : 1.31

CAS #: 66441-23-4

Catalog #: 1-580204-300



Fenoxaprop-ethyl

Column: Reflect I-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10) CO₂/IPA

Flow Rate: 3.0 mL/min

Temperature: 40 °C

Pressure: 150 bar

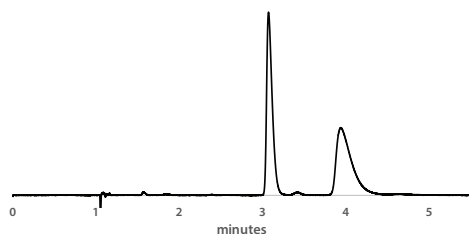
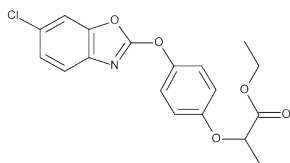
Detection: UV 254 nm

k': 2.07

α : 1.42

CAS #: 66441-23-4

Catalog #: 1-591204-300



Fenoxaprop-ethyl

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10) Hexane/IPA

Flow Rate: 1.5 mL/min

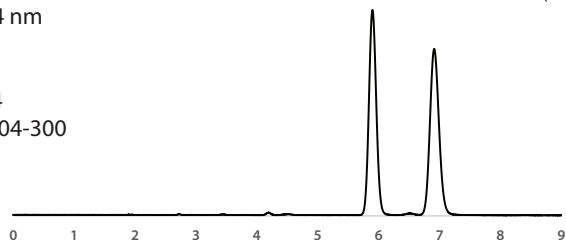
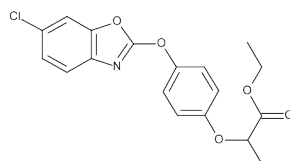
Detection: UV 254 nm

k': 1.94

α : 1.26

CAS #: 66441-23-4

Catalog #: 1-580204-300



Fenoxaprop-ethyl

Column: Reflect I-Cellulose J,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20) Hexane/
Ethanol

Flow Rate: 1.5 mL/min

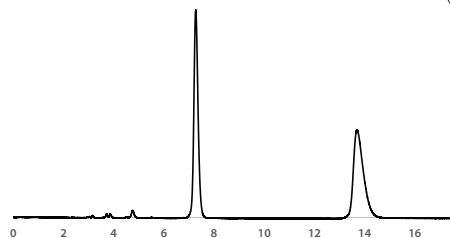
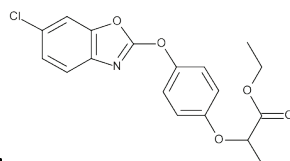
Detection: UV 254 nm

k': 2.63

α : 2.22

CAS #: 66441-23-4

Catalog #: 1-594204-300



Fenoxaprop-ethyl

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

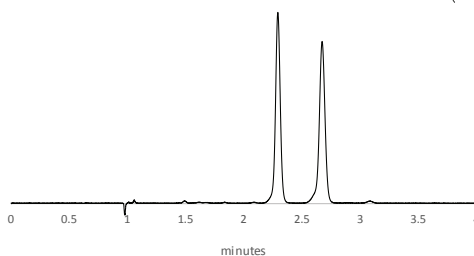
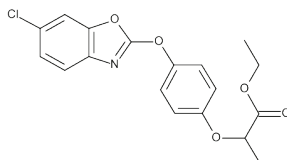
Detection: UV 254 nm

k'_1 : 1.29

α : 1.30

CAS #: 66441-23-4

Catalog #: 1-594204-300



Fenvalerate

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (92/8)
Hexane/IPA

Flow Rate: 2.0 mL/min

Detection: UV 220 nm

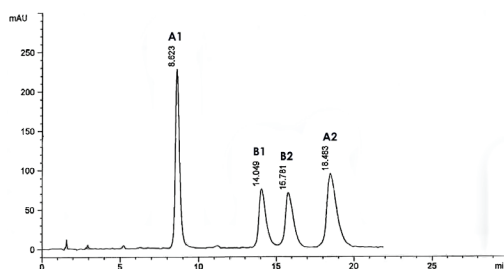
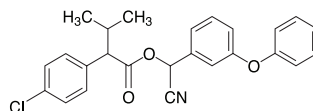
k'_{A1} : 4.94

$\alpha_{A1,A2}$: 4.10

k'_{B1} : 8.69

$\alpha_{B1,B2}$: 1.14

Catalog #: 1-780201-300



Fenvalerate

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (99/1)
Hexane/IPA

Flow Rate: 3.0 mL/min

Detection: UV 254 nm

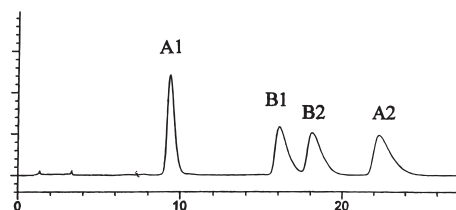
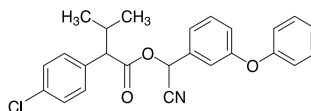
k'_{A1} : 9.36

$\alpha_{(A1,A2)}$: 2.54

k'_{B1} : 16.79

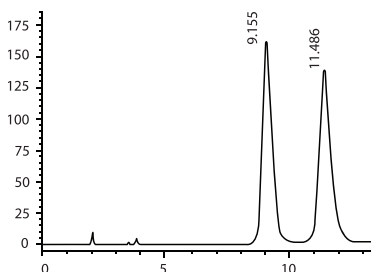
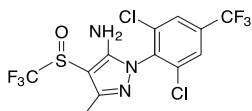
$\alpha_{(B1,B2)}$: 1.14

Catalog #: 1-786615-300



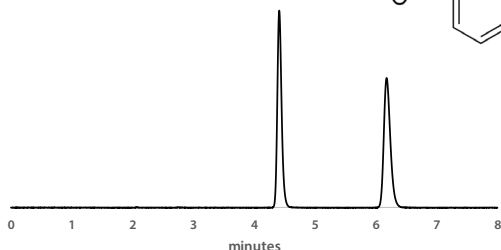
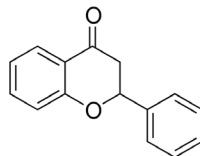
Fipronil

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA + 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 3.74
 α : 1.32
CAS #: 1200068-37-3
Catalog #: 1-780101-300;
1-780201-300



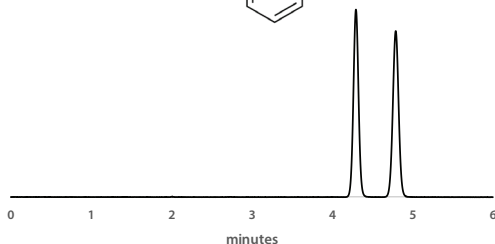
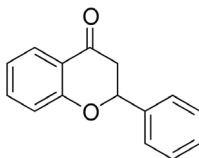
Flavanone

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.20
 α : 1.73
CAS #: 487-26-3
Catalog #: 1-591204-300



Flavanone

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.14
 α : 1.22
CAS #: 487-26-3
Catalog #: 1-592204-300



Flavanone

Column: Reflect I-Cellulose C,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/IPA

Flow Rate: 1.5 mL/min

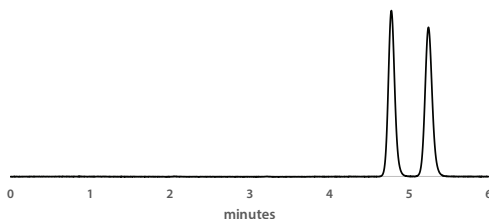
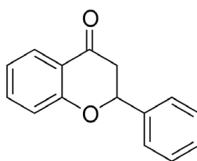
Detection: UV 254 nm

k': 1.38

α : 1.17

CAS #: 487-26-3

Catalog #: 1-593204-300



Flavanone

Column: Reflect I-Cellulose J
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

Flow Rate: 1.5 mL/min

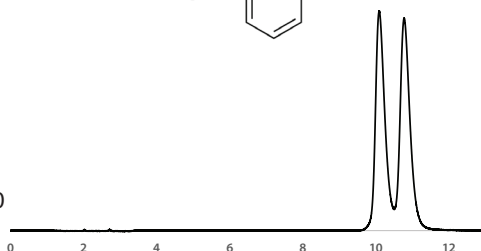
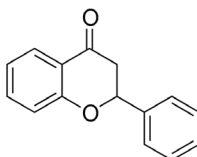
Detection: UV 254 nm

k': 4.03

α : 1.08

CAS #: 487-26-3

Catalog #: 1-594204-300



Flavanone

Column: Reflect C-Amylose A,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

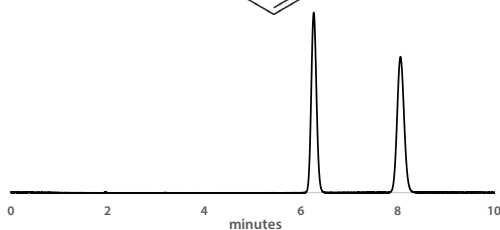
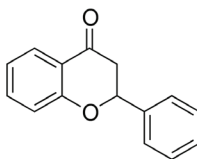
Detection: UV 254 nm

k': 2.12

α : 1.42

CAS #: 487-26-3

Catalog #: 1-580204-300



Flavanone

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) Hexane/
Ethanol

Flow Rate: 1.5 mL/min

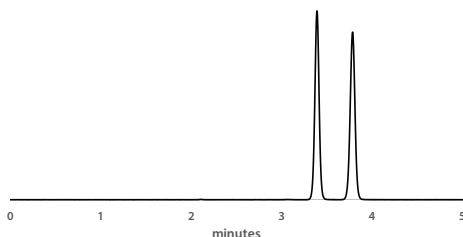
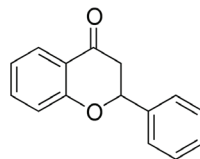
Detection: UV 254 nm

k': 0.69

α : 1.28

CAS #: 487-26-3

Catalog #: 1-590204-300



Flavanone

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^{\circ}\text{C}$

Pressure: 150 bar

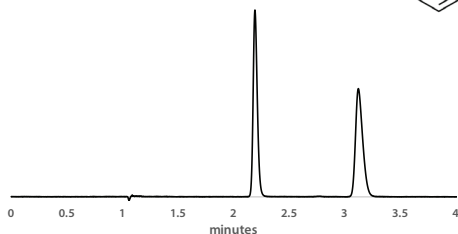
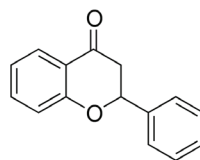
Detection: UV 210 nm

k': 1.19

α : 1.78

CAS #: 487-26-3

Catalog #: 1-591204-300



Flavanone

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^{\circ}\text{C}$

Pressure: 150 bar

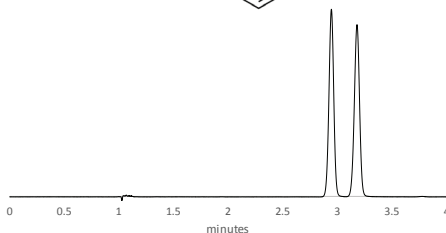
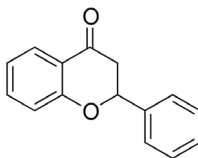
Detection: UV 210 nm

k': 1.94

α : 1.12

CAS #: 487-26-3

Catalog #: 1-592204-300



Flavanone

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

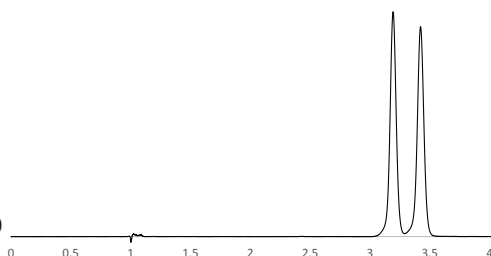
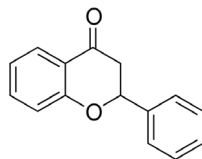
Detection: UV 210 nm

k' : 2.19

α : 1.10

CAS #: 487-26-3

Catalog #: 1-594204-300



Flavanone

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

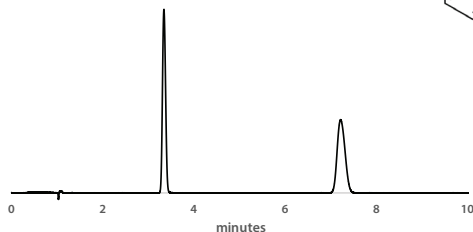
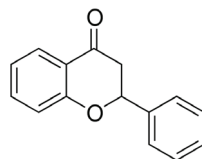
Detection: UV 210 nm

k' : 2.33

α : 2.66

CAS #: 487-26-3

Catalog #: 1-580204-300



Flavanone

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

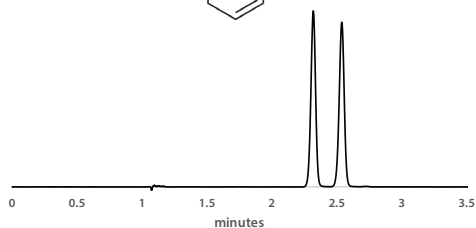
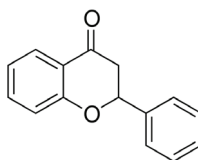
Detection: UV 210 nm

k' : 1.94

α : 1.12

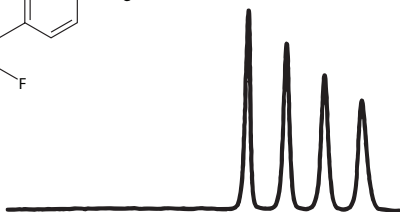
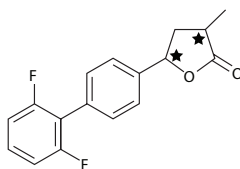
CAS #: 487-26-3

Catalog #: 1-590204-300



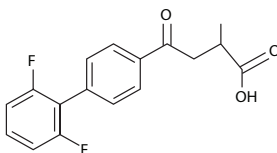
Flobufen and Flobufen Metabolites

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Heptane/IPA + 0.1% TFA
Flow Rate: 2.0 mL/min
Detection: UV 230 nm
Run Time: 24.0 min
Reference: 47
Catalog #: 1-787100-300



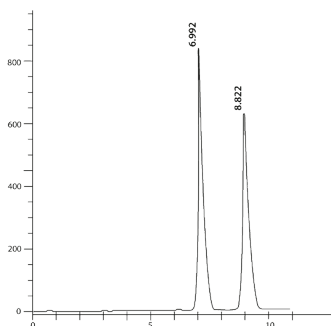
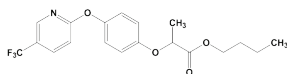
Flobufen Metabolites

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (97/3)
Heptane/Glyme + 0.1% TFA
Flow Rate: 1.0 mL/min
Detection: UV 215 nm
Run Time: 21.0 min
Reference: 47
Catalog #: 1-787100-300



Fluazifop-butyl

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 3.82
 α : 1.33
Catalog #: 1-780101-300,
1-780201-300



Fluazifop-butyl

Column: (S,S)-DACH-DNB,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/IPA

Temperature: 20 °C

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 11.5 min

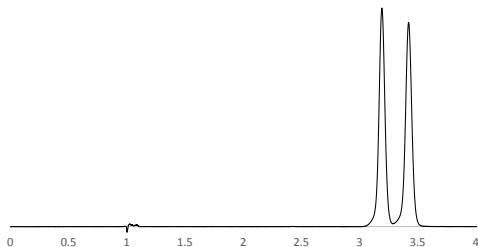
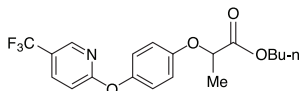
k': 2.65

α : 1.22

Reference: 59

Catalog #: 1-788101-300,

1-788201-300



Flucythrinate

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5) CO₂/Methanol

Flow Rate: 3.0 mL/min

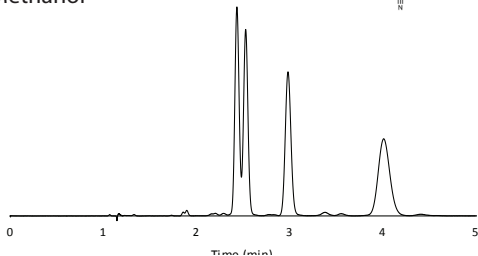
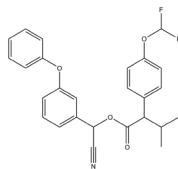
Temperature: 30 °C

Pressure: 150 bar

Detection: UV 210 nm

CAS #: 70124-77-5

Catalog #: 1-580204-300



Flucythrinate

Column: Reflect C-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5) CO₂/IPA

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

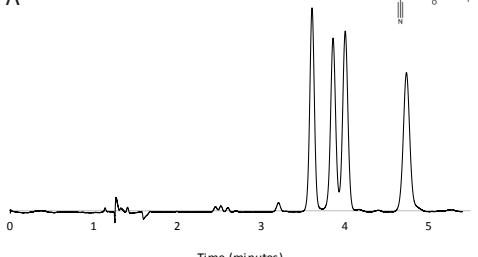
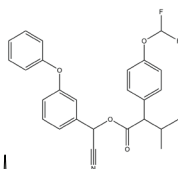
Detection: UV 210 nm

k': 2.60

α : 1.10

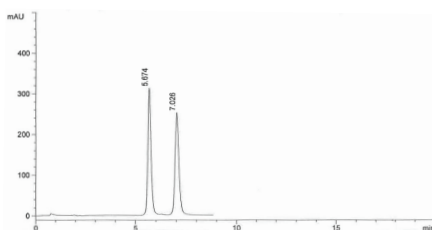
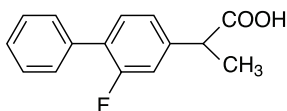
CAS #: 70124-77-5

Catalog #: 1-590204-300



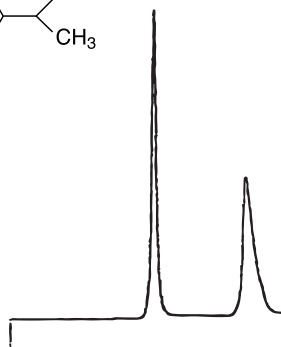
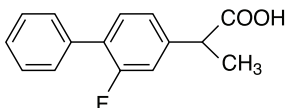
Flurbiprofen

Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA + 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.94
 α : 1.36
Catalog #: 1-780101-300



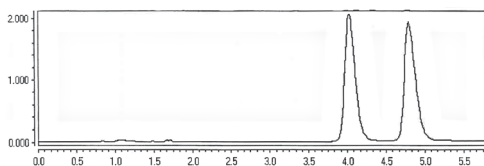
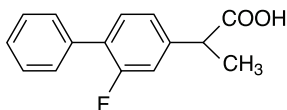
Flurbiprofen

Column: (R,R) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA + 0.01 M
Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 20.5 min
k': 5.90
 α : 1.76
Catalog #: 1-780201-300



Flurbiprofen

Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
CO₂/Ethanol + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 4.36
 α : 1.23
Catalog #: 1-780101-300



Flurbiprofen

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

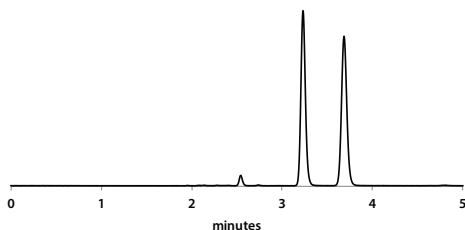
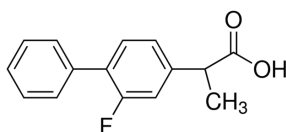
Detection: UV 254 nm

k': 0.61

α : 1.37

CAS #: 5104-49-4

Catalog #: 1-591204-300



Flurbiprofen

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

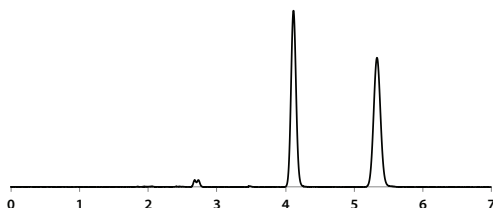
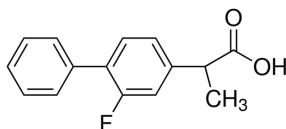
Detection: UV 254 nm

k': 1.06

α : 1.58

CAS #: 5104-49-4

Catalog #: 1-580204-300



Flurbiprofen

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15)
 $\text{CO}_2/\text{CH}_3\text{OH}$ + 0.5% TFA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

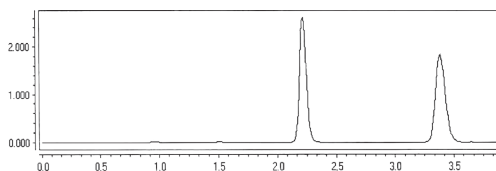
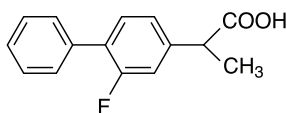
Pressure: 125 bar

Detection: UV 254 nm

k': 1.96

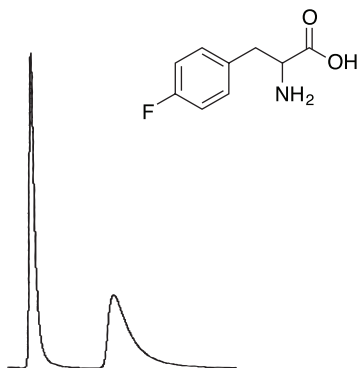
α : 1.80

Catalog #: 1-783104-300



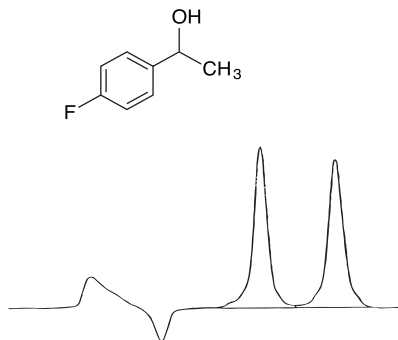
4-Fluorophenylalanine

Column: ChiroSil,
5 μ m, 15 cm x 4.6 mm
Mobile Phase: (70/30)
CH₃OH/H₂O+10
mM Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 210 nm
Run Time: 9.6 min
k': 2.92
 α : 2.56
Catalog #: 1-799001-300,
1-799101-300



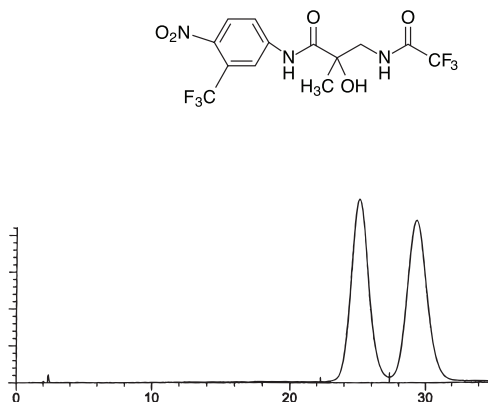
1-(p-Fluorophenyl) Ethanol

Column: (S,S) ULMO,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (98.5/1.5)
n-Heptane/1,2-Dimethoxyethane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 10.5 min
k': 2.13
 α : 1.16
Reference: 60
Catalog #: 1-788201-300



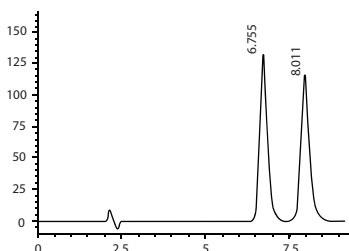
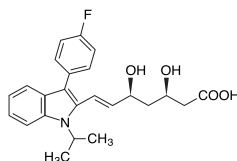
Fluridil

Column: (S,S) Whelk-O 2,
10 μ m, 25 cm x 4.6 mm
Mobile Phase: (57/43)
H₂O/CH₃OH
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 12.9
 α : 1.18
Catalog #: 1-786446-300



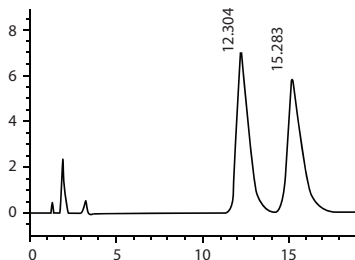
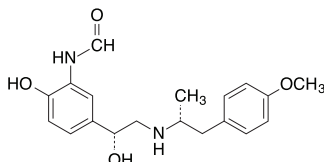
Fluvastatin

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (92/8)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.56
 α : 1.26
CAS #: 93957-54-1
Catalog #: 1-783104-300



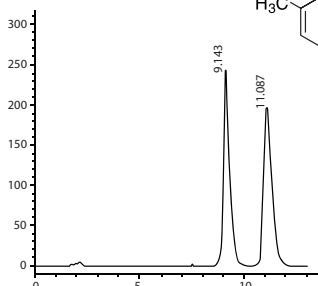
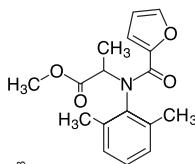
Formoterol

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA
+ 0.1% TFA + 0.1% DEA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 5.38
 α : 1.29
CAS #: 73573-87-2
Catalog #: 1-780101-300,
1-780201-300



Furalaxyl

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (60/40)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 3.81
 α : 1.27
CAS #: 57646-30-7
Catalog #: 1-780101-300,
1-780201-300



Furalaxyl

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)
 CO_2 /IPA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

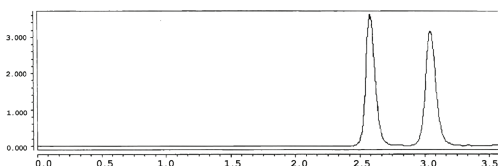
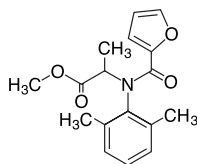
Pressure: 125 bar

Detection: UV 254 nm

k' : 2.44

α : 1.25

Catalog #: 1-780101-300



Furalaxyl

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)
Hexane/IPA

Flow Rate: 1.5 mL/min

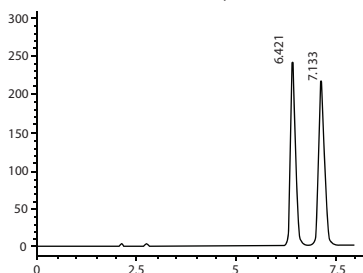
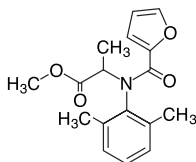
Detection: UV 220 nm

k' : 2.28

α : 1.21

CAS #: 57646-30-7

Catalog #: 1-783104-300



Furalaxyl

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15)
 CO_2 /IPA + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

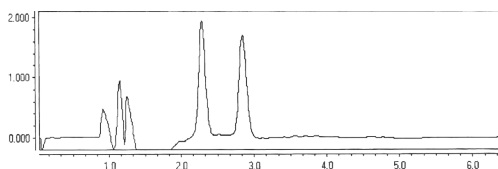
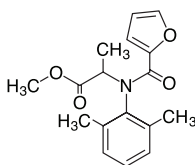
Pressure: 125 bar

Detection: UV 220 nm

k' : 2.04

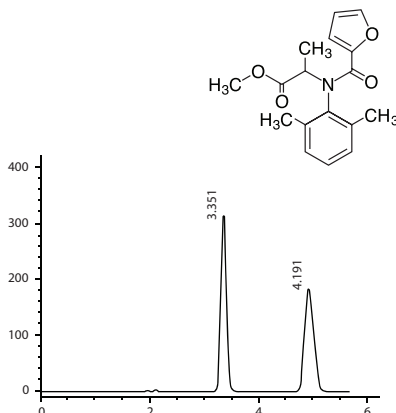
α : 1.36

Catalog #: 1-783104-300



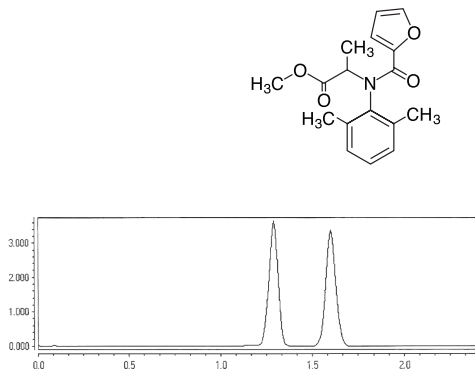
Furalaxyl

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 0.76
 α : 2.09
CAS #: 57646-30-7
Catalog #: 1-784104-300



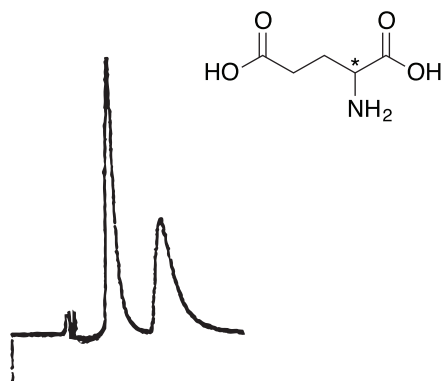
Furalaxyl

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
 CO_2 /Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 220 nm
k': 0.72
 α : 1.58
Catalog #: 1-784104-300



Glutamic Acid

Column: ChiroSil,
5 μm , 15 cm x 4.6 mm
Mobile Phase: (65/35)
 $\text{CH}_3\text{OH}/\text{H}_2\text{O}$
+0.05% Phosphoric acid
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Run Time: 4.5 min
k': 0.71
 α : 2.27
Catalog #: 1-799001-300,
1-799101-300



Glutamine

Column: ChiroSil SCA(-),

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (65/35)

CH₃CN/H₂O

+0.01% Acetic Acid

Flow Rate: 1.5 mL/min

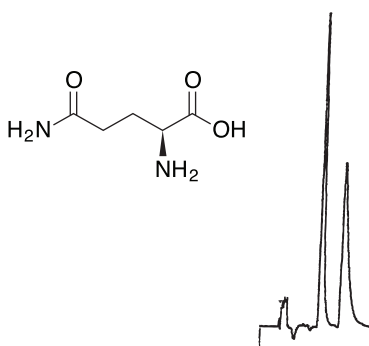
Detection: UV 210 nm

Run Time: 6.5 min

k': 1.51

α : 1.61

Catalog #: 1-799101-300



Glutethimide

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

Hexane/IPA

Flow Rate: 1.0 mL/min

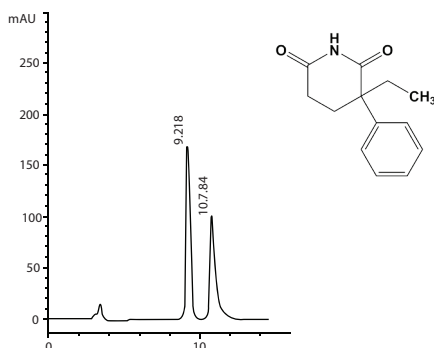
Detection: UV 220 nm

k': 2.18

α : 1.24

CAS #: 77-21-4

Catalog #: 1-784104-300



Glutethimide

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

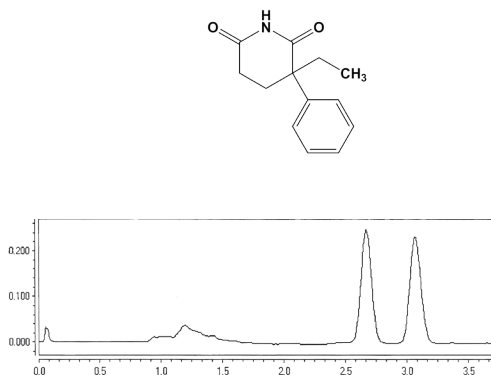
Pressure: 125 bar

Detection: UV 220 nm

k': 2.57

α : 1.20

Catalog #: 1-784104-300



Haloxyfop-ethoxyethyl

Column: (S,S) DACH-DNB,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/IPA

Temperature: 20 $^{\circ}\text{C}$

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 13.0 min

k': 3.13

α : 1.25

Reference: 59

Catalog #: 1-788201-300



Hanessian's Lignan

Column: Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: 100%

Methanol

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 8 min

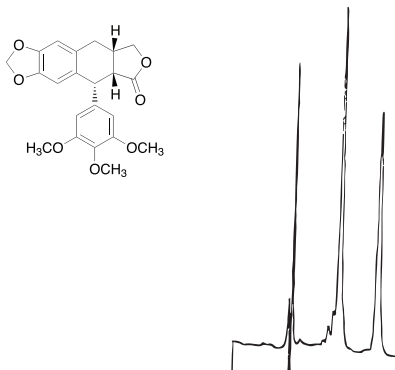
k': 0.94

α : 1.69

Reference: 7

Catalog #: 1-780101-300,

1-780201-300



Hesperetin

Column: Reflect C-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30/0.1)

Hexane/2-propanol/Acetic Acid

Flow Rate: 1.5 mL/min

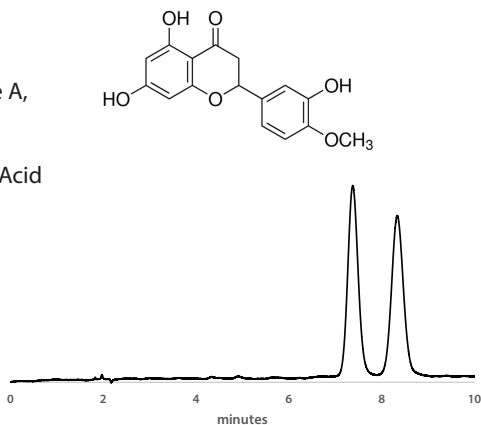
Detection: UV 220 nm

k': 2.68

α : 1.18

CAS #: 69097-99-0

Catalog #: 1-580204-300



Hesperetin

Column: Reflect C-Cellulose B,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)
Hexane/2-propanol/Acetic
Acid

Flow Rate: 1.5 mL/min

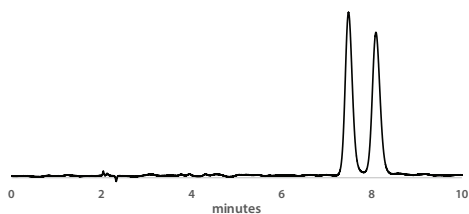
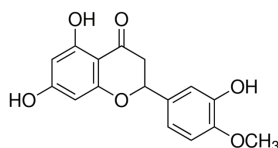
Detection: UV 220 nm

k': 2.73

α : 1.11

CAS #: 69097-99-0

Catalog #: 1-590204-300



Hexobarbital

Column: L-Leucine,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5)
Hexane/EtOH

Flow Rate: 0.7 mL/min

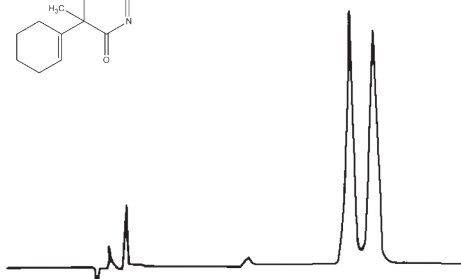
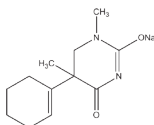
Detection: UV 254 nm

Run Time: 16 min

k': 2.89

α : 1.10

Catalog #: 1-731041-300



Hippuryl-phenyllactic acid

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (75/25)
Hexane/Ethanol + 0.1% TFA

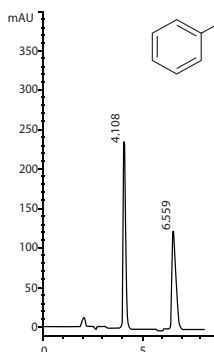
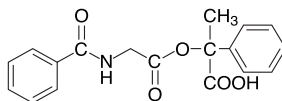
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 1.16

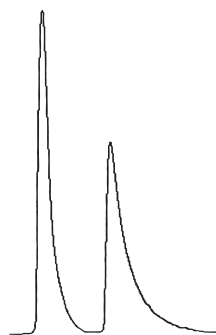
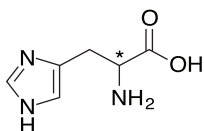
α : 2.11

Catalog #: 1-783104-300



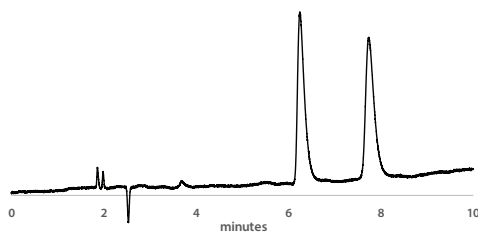
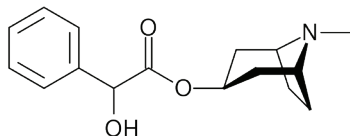
Histidine

Column: ChiroSil,
5 μ m, 15 cm x 4.6 mm
Mobile Phase: (45/55)
CH₃OH/H₂O
+10 mM Acetic Acid
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Run Time: 26.0 min
k': 10.96
 α : 1.27
Catalog #: 1-799001-300,
1-799101-300



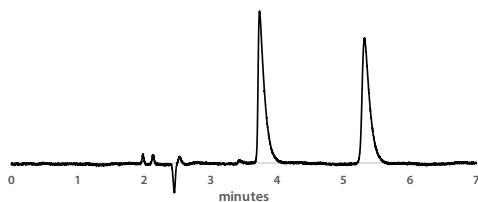
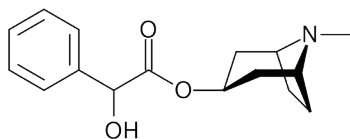
Homatropine

Column: Reflect C-Amylose A,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20/0.1)
Hexane/Ethanol/DEA
Flow Rate: 1.5 mL/min
Detection: UV 240 nm
k': 2.12
 α : 1.35
CAS #: 87-00-3
Catalog #: 1-580204-300



Homatropine

Column: Reflect C-Cellulose B,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20/0.1)
Hexane/Ethanol/DEA
Flow Rate: 1.5 mL/min
Detection: UV 240 nm
k': 0.86
 α : 1.91
CAS #: 87-00-3
Catalog #: 1-590204-300



Homatropine

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

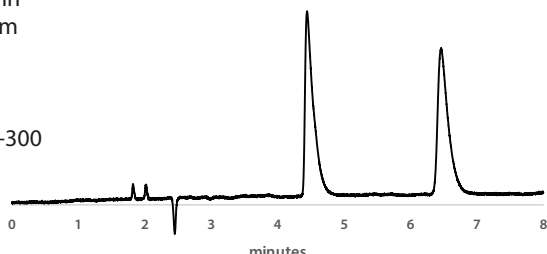
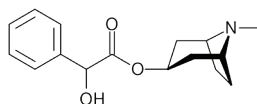
Detection: UV 240 nm

k': 1.22

α : 1.83

CAS #: 87-00-3

Catalog #: 1-592204-300



Homatropine

Column: RegisCell,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)

$\text{CO}_2/\text{CH}_3\text{OH}$ + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

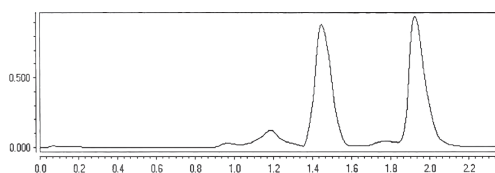
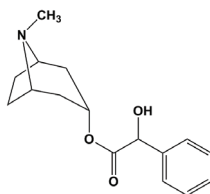
Pressure: 125 bar

Detection: UV 220 nm

k': 0.93

α : 1.67

Catalog #: 1-784104-300



Homocysteine-Thiolactone HCl

Column: ChiroSil RCA (+),

5 μm , 15 cm x 4.6 mm

Mobile Phase: (60/40)

$\text{CH}_2\text{OH}/\text{H}_2\text{O}$ + 0.05% TFA

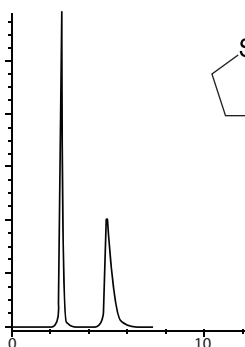
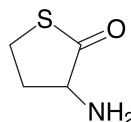
Flow Rate: 1.0 mL/min

Detection: UV 240 nm

k': 0.58

α : 3.56

Catalog #: 1-799001-300



DL-Homophenylalanine

Column: ChiroSil ME RCA(+),

5 μm , 15 cm x 4.6 mm

Mobile Phase: (30/70) 0.01%

Phosphoric Acid/MeOH

Flow Rate: 1.0 mL/min

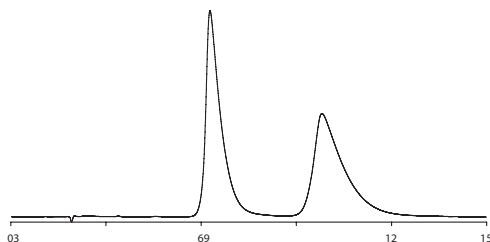
Detection: UV 210 nm

Temperature: 20 °C

k': 2.27

α : 1.81

Catalog #: 1-788001-300



DL-Homo-Serine

Column: ChiroSil ME RCA(+),

5 μm , 15 cm x 4.6 mm

Mobile Phase: (30/70) 0.01%

Phosphoric Acid/MeOH

Flow Rate: 1.0 mL/min

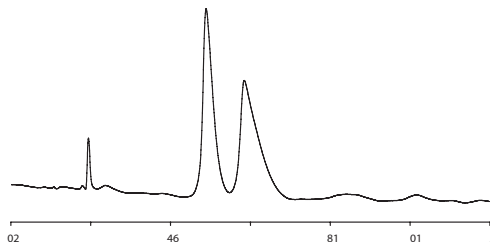
Detection: UV 210 nm

Temperature: 20 °C

k': 1.51

α : 1.32

Catalog #: 1-788001-300



Huperzine

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)

Hexane/IPA + 0.1% DEA

Flow Rate: 1.5 mL/min

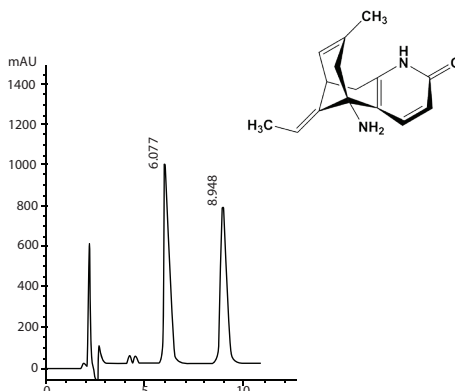
Detection: UV 220 nm

k': 2.22

α : 1.69

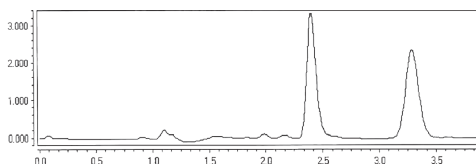
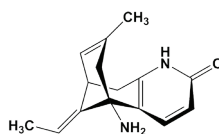
CAS #: 102518-79-6

Catalog #: 1-783104-300



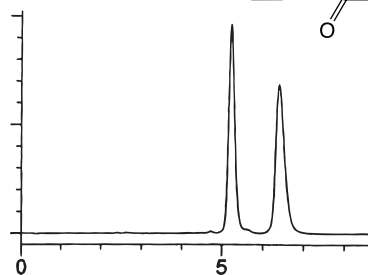
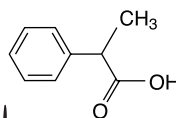
Huperzine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (70/30)
CO₂/Ethanol + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k': 2.20
 α : 1.54
Catalog #: 1-783104-300



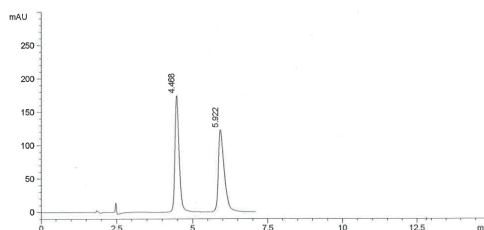
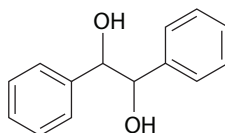
Hydratropic Acid

Column: (R,R) Whelk-O 1,
10 μ m, 25 cm x 4.6 mm
Mobile Phase: (98/2)
Hexane/IPA
+ 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.89
 α : 1.34
Catalog #: 1-786515-300



Hydrobenzoin

Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.32
 α : 1.57
Catalog #: 1-780101-300



Hydrobenzoin

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)
Hexane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 18 min

k': 1.14

α : 1.40

Catalog #: 1-780101-300,
1-780201-300



Hydrobenzoin

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15)
 $\text{CO}_2/\text{CH}_3\text{OH}$

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

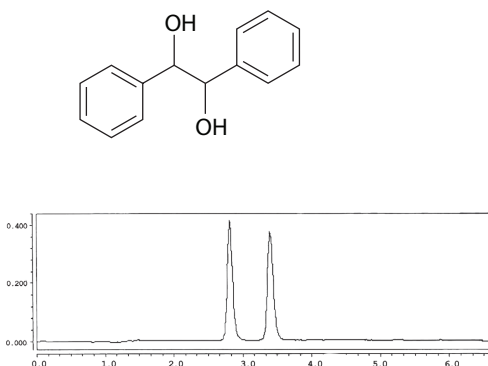
Pressure: 125 bar

Detection: UV 254 nm

k': 2.75

α : 1.28

Catalog #: 1-780101-300



Hydrobenzoin

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

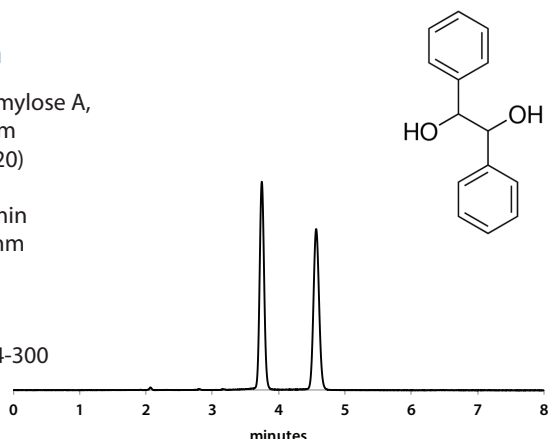
Detection: UV 220 nm

k': 0.87

α : 1.47

CAS #: 655-48-1

Catalog #: 1-591204-300



Hydrobenzoin

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

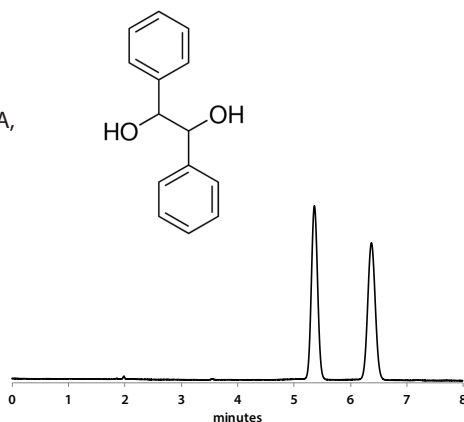
Detection: UV 220 nm

k': 1.68

α : 1.30

CAS #: 492-70-6

Catalog #: 1-580204-300



Hydrobenzoin

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

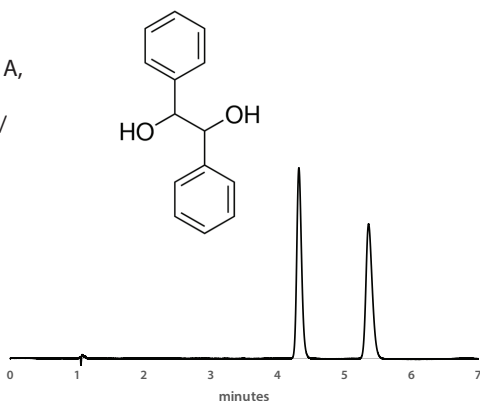
Detection: UV 210 nm

k': 3.31

α : 1.31

CAS #: 492-70-6

Catalog #: 1-591204-300



Hydrobenzoin

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

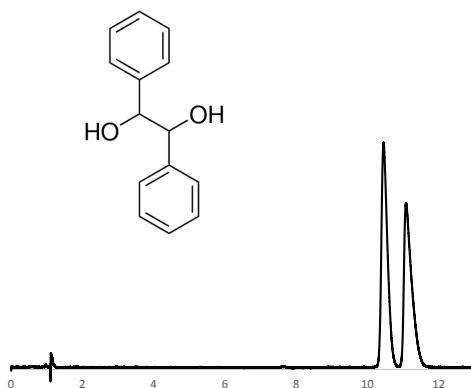
Detection: UV 210 nm

k': 9.43

α : 1.07

CAS #: 492-70-6

Catalog #: 1-592204-300



Hydrobenzoin

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol+0.2% DEA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

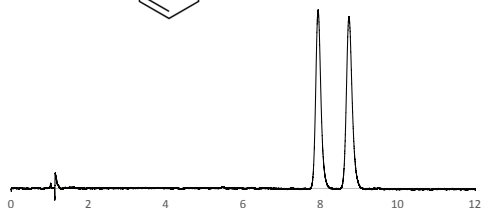
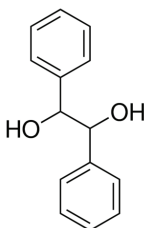
Detection: UV 210 nm

k': 4.22

α : 1.10

CAS #: 492-70-6

Catalog #: 1-593204-300



Hydrobenzoin

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

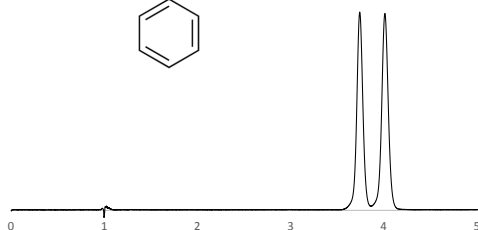
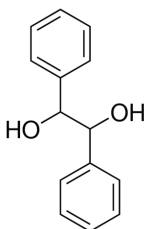
Detection: UV 210 nm

k': 2.73

α : 1.10

CAS #: 492-70-6

Catalog #: 1-594204-300



Hydrobenzoin

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

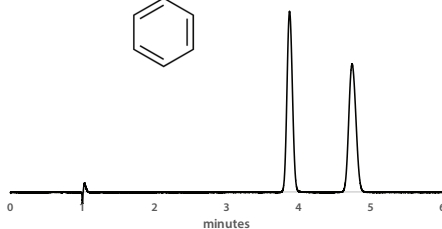
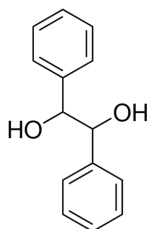
Detection: UV 210 nm

k': 2.87

α : 1.21

CAS #: 492-70-6

Catalog #: 1-580204-300



Hydrobenzoin

Column: Reflect C-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10) CO₂/
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 °C

Pressure: 150 bar

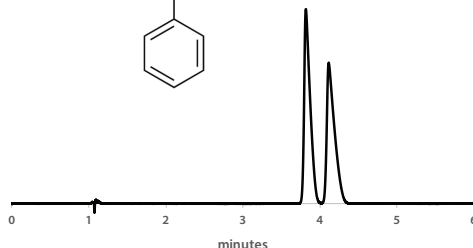
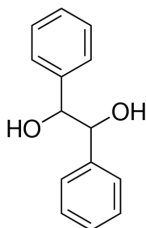
Detection: UV 210 nm

k': 2.81

α : 1.11

CAS #: 492-70-6

Catalog #: 1-590204-300



2-(4-Hydroxy-Phenoxy) Propionic Acid

Column: (R,R) ULMO,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (97/3)

Hexane/Ethanol

+ 0.1% TFA

Flow Rate: 1.5 mL/min

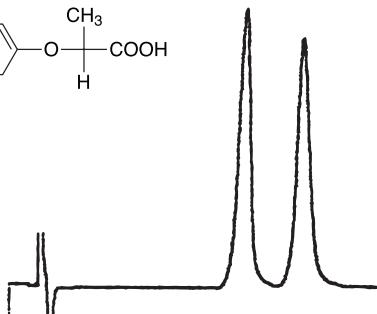
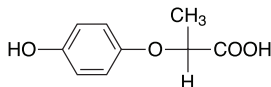
Detection: UV 254 nm

Run Time: 22.5 min

k': 9.02

α : 1.27

Catalog #: 1-787200-300



1-(4-Hydroxyphenyl) Ethanol

Column: (S,S) ULMO,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5)

n-Heptane/IPA + 0.1% TFA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

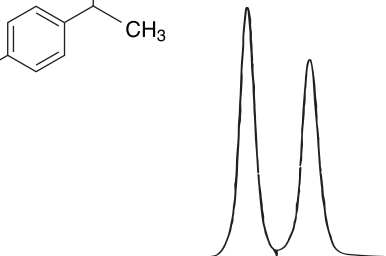
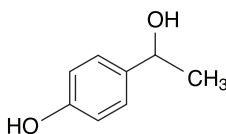
Run Time: 8.5 min

k': 1.491

α : 1.16

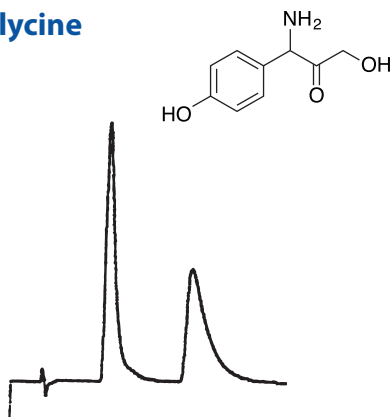
Reference: 60

Catalog #: 1-787100-300



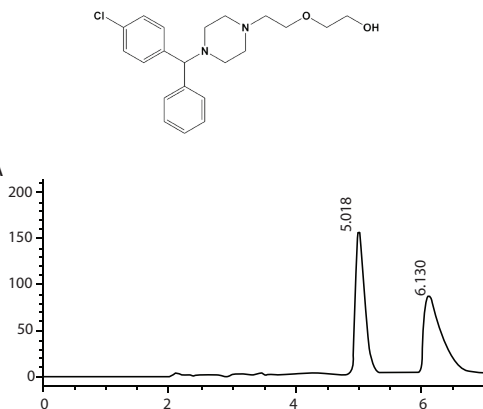
D,L-p-Hydroxy-Phenylglycine

Column: ChiroSil SCA (+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (50/50) $\text{CH}_3\text{OH}/$
 H_2O + 0.02% Acetic Acid
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Run Time: 11.0 min
k': 2.11
 α : 2.29
Catalog #: 1-799101-300



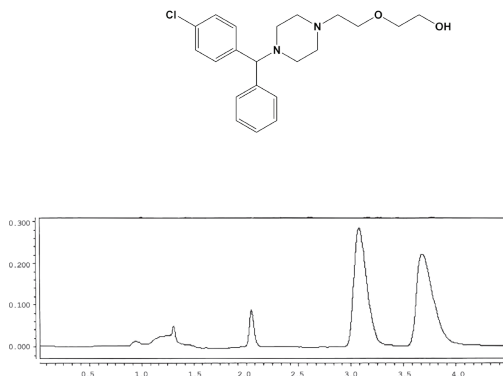
Hydroxyzine

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.64
 α : 1.36
CAS #: 68-88-2
Catalog #: 1-783104-300



Hydroxyzine

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
 $\text{CO}_2/\text{CH}_3\text{OH}$ + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 3.11
 α : 1.26
Catalog #: 1-783104-300



Hydroxyzine

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (98/2)

Hexane/Ethanol+ 0.1% DEA

Flow Rate: 1.5 mL/min

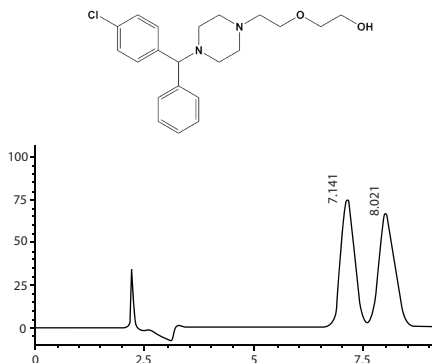
Detection: UV 254 nm

k': 2.76

α : 1.17

CAS #: 68-88-2

Catalog #: 1-784104-300



Ibuprofen

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/IPA + 0.1 % Acetic Acid

+ 0.1% Acetic Acid

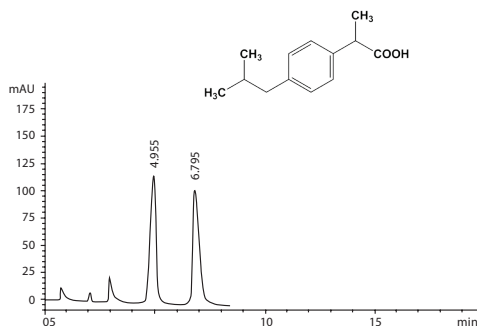
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 1.57

α : 2.52

Catalog #: 1-780101-300



Ibuprofen

Column: (R,R) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/IPA

+ 0.01 M Ammonium Acetate

Flow Rate: 1.5 mL/min

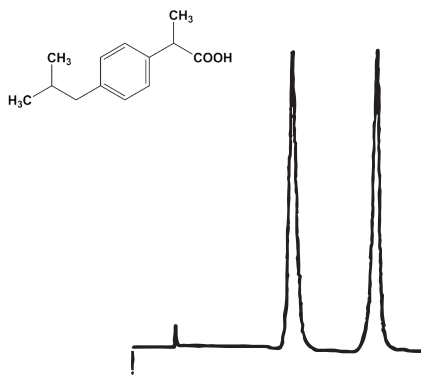
Detection: UV 254 nm

Run Time: 11.8 min

k': 3.21

α : 1.72

Catalog #: 1-780201-300



Ibuprofen

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)

CO₂/Ethanol

+ 0.5% Acetic Acid

Flow Rate: 4.0 mL/min

Temperature: 40 °C

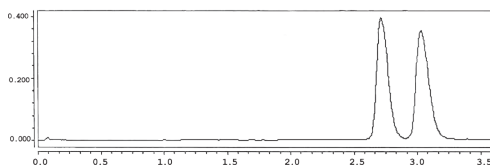
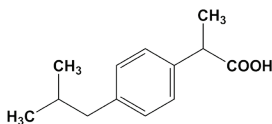
Pressure: 125 bar

Detection: UV 254 nm

k': 2.62

α : 1.16

Catalog #: 1-780101-300



Ibuprofen

Column: Reflect I-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

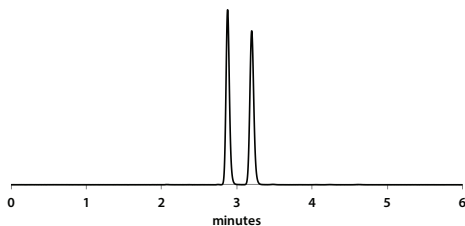
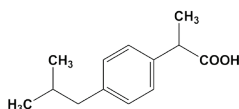
Detection: UV 254 nm

k': 2.88

α : 3.20

CAS #: 15687-27-1

Catalog #: 1-591204-300



Ibuprofen

Column: Reflect C-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

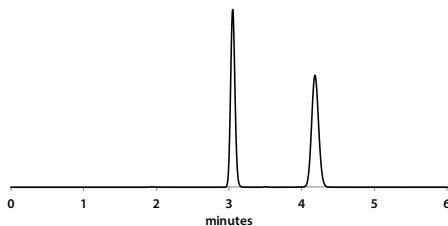
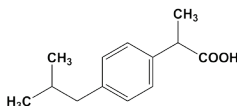
Detection: UV 254 nm

k': 0.50

α : 2.18

CAS #: 15687-27-1

Catalog #: 1-580204-300



Ibuprofenol

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (99/1)
Hexane/IPA

Flow Rate: 1.0 mL/min

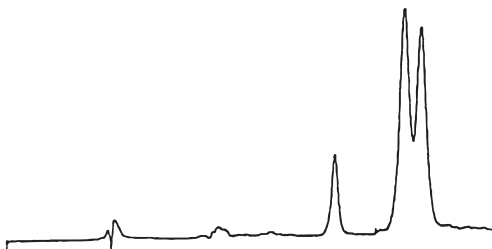
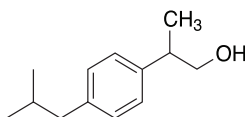
Detection: UV 254 nm

Run Time: 14 min

k': 3.38

α : 1.05

Catalog #: 1-780101-300,
1-780201-300



Idazoxan

Column: (S,S) Whelk-O 1,
10 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/29/1)
Hexane/Methylene
Chloride/IPA + 0.1% TEA

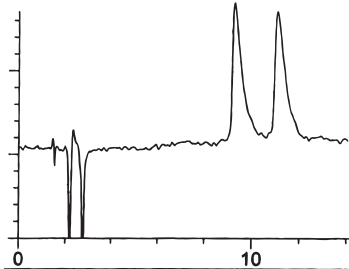
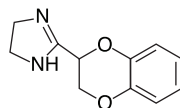
Flow Rate: 2.0 mL/min

Detection: UV 254 nm

k': 5.86

α : 1.23

Catalog #: 1-786615-300



Idazoxan

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (98/2)

Hexane/Ethanol + 0.1% DEA

Flow Rate: 1.5 mL/min

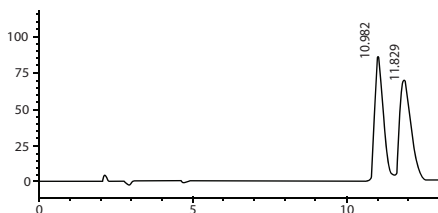
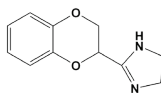
Detection: UV 254 nm

k': 4.78

α : 1.09

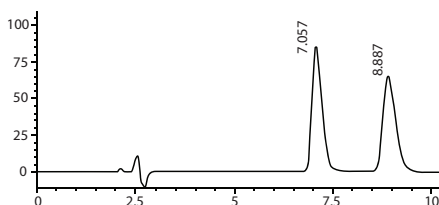
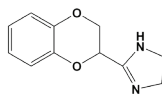
CAS #: 79944-58-4

Catalog #: 1-783104-300



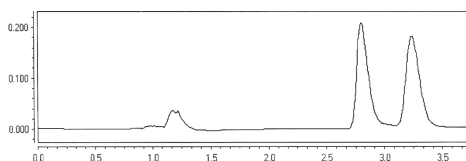
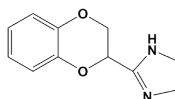
Idazoxan

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.71
 α : 1.35
CAS #: 79944-58-4
Catalog #: 1-784104-300



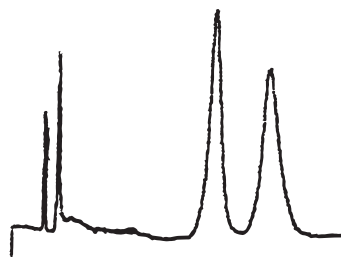
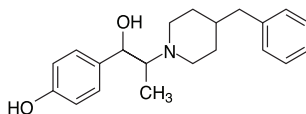
Idazoxan

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
 CO_2 /IPA + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 2.73
 α : 1.21
Catalog #: 1-784104-300



Ifenprodil

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/IPA
+ 0.01 M Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
Run Time: 16.5 min
k': 6.16
 α : 1.32
Catalog #: 1-780101-300



Ifenprodil

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

CO₂/Ethanol + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

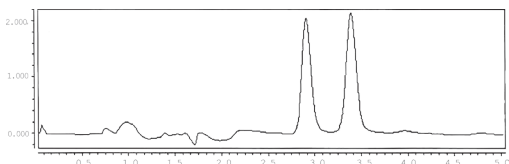
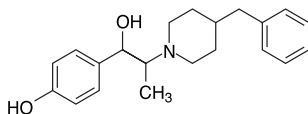
Pressure: 125 bar

Detection: UV 220 nm

k': 2.88

α : 1.22

Catalog #: 1-780101-300



Ifenprodil

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

Hexane/Ethanol + 0.1% DEA

Flow Rate: 1.5 mL/min

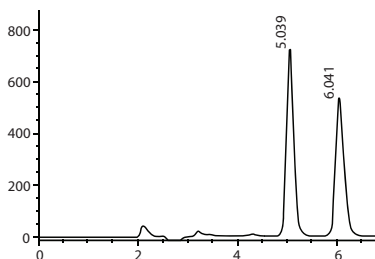
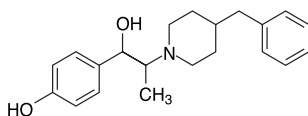
Detection: UV 220 nm

k': 1.65

α : 1.32

CAS #: 23210-56-2

Catalog #: 1-783104-300



Imazalil

Column: Reflect I-Cellulose C,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10) CO₂/

Methanol+0.2% DEA

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

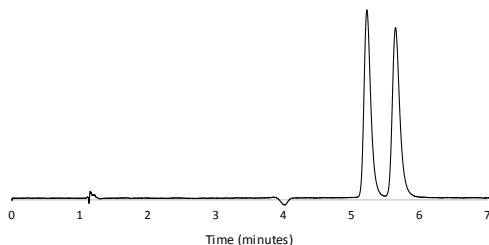
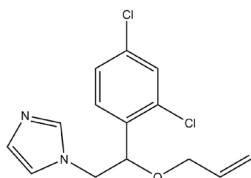
Detection: UV 210 nm

k': 4.22

α : 1.10

CAS #: 35554-44-0

Catalog #: 1-593204-300



Imazalil

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /
IPA+0.5% TFA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

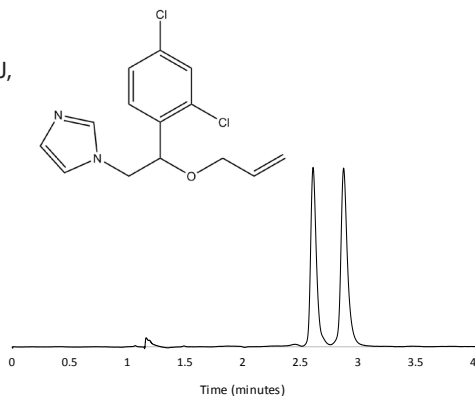
Detection: UV 210 nm

k' : 1.25

α : 1.28

CAS #: 33586-66-2

Catalog #: 1-594204-300



Imazapyr

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol+0.4% TFA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

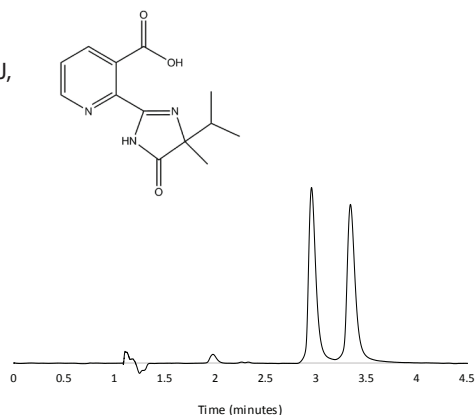
Detection: UV 210 nm

k' : 1.95

α : 1.20

CAS #: 81334-34-1

Catalog #: 1-594204-300



1-Indanol

Column: RegisCell,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (98/2)
Hexane/IPA

Flow Rate: 1.5 mL/min

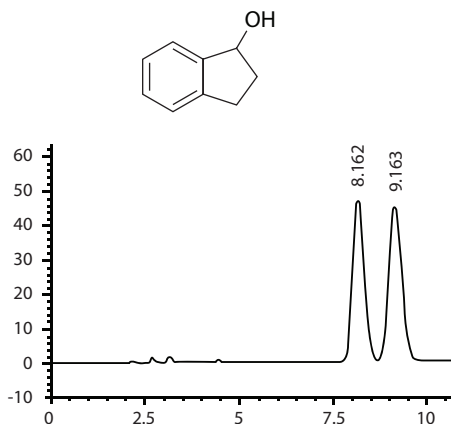
Detection: UV 254 nm

k' : 3.30

α : 1.16

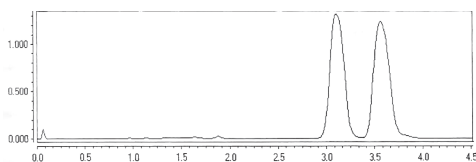
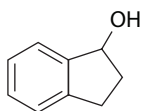
CAS #: 6351-10-6

Catalog #: 1-784104-300



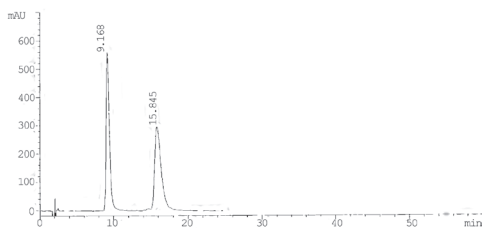
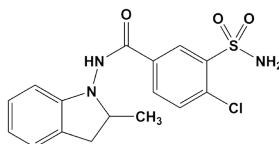
1-Indanol

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (96/4)
CO₂/IPA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k': 3.14
 α : 1.19
Catalog #: 1-784104-300



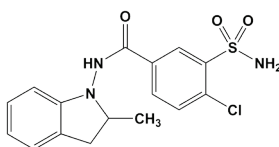
Indapamide

Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (50/50)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 3.75
 α : 1.92
Catalog #: 1-780101-300



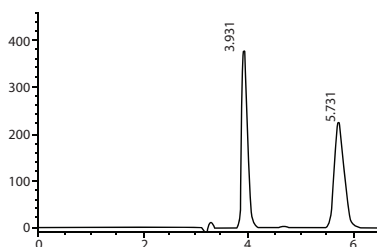
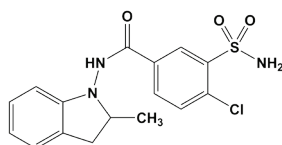
Indapamide

Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (50/50)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 220 nm
Run Time: 14 min
k': 2.46
 α : 1.68
Catalog #: 1-780101-300



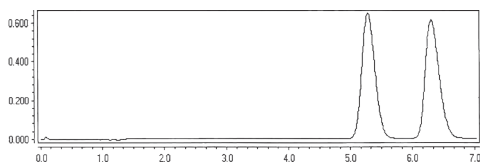
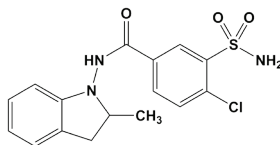
Indapamide

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100%
Methanol
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
k': 0.36
 α : 2.75
CAS #: 26807-65-8
Catalog #: 1-784104-300



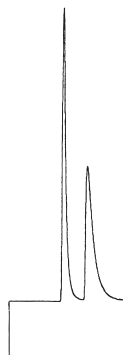
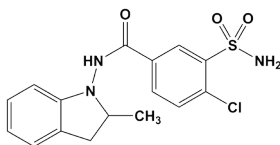
Indapamide

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
 $\text{CO}_2/\text{CH}_3\text{OH}$
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 6.04
 α : 1.23
Catalog #: 1-784104-300



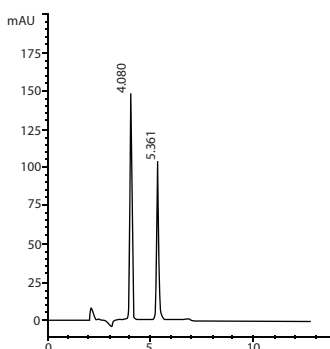
Indapamide

Column: (R,R) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 16 min
k': 3.09
 α : 1.58
Catalog #: 1-787200-300



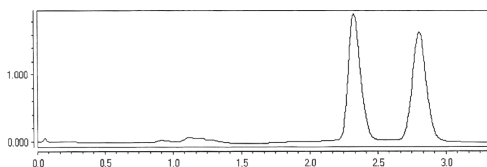
Indatraline

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.14
 α : 1.29
CAS #: 86939-10-8
Catalog #: 1-783104-300



Indatraline

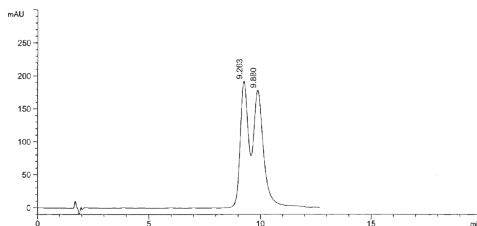
Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
CO₂/CH₃OH + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k': 2.11
 α : 1.30
Catalog #: 1-783104-300



Indole

N-[2-(2-furoylamino)benzoyl]tryptophan

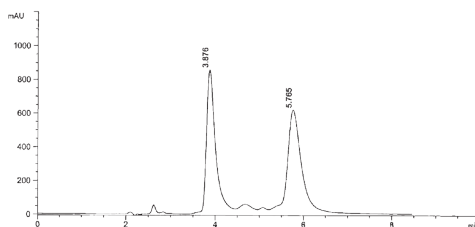
Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (60/40)
Hexane/Ethanol
+ 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 3.87
k': 4.20
 α : 1.09
Catalog #: 1-780101-300



Indole

N-[2-(2-furoylamino)benzoyl]tryptophan

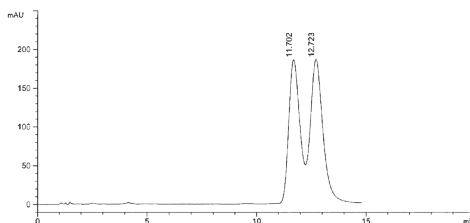
Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k'₁: 4.57
k'₂: 5.85
 α : 1.28
Catalog #: 1-783104-300



Indole

2-[[2-(1*H*-indol-3-yl)ethyl]amino]-4,6'-dimethyl-6-oxo-5,6-dihydro-4*H*-1,2'-bipyrimidine-4-carboxylic acid

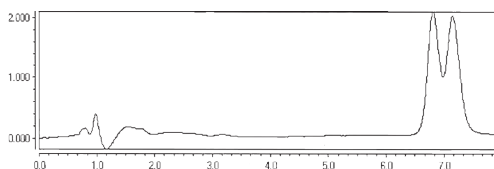
Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (60/40)
Hexane/Ethanol
Flow Rate: 2.0 mL/min
Detection: UV 220 nm
k'₁: 7.07
k'₂: 7.77
 α : 1.10
Catalog #: 1-780101-300



Indole

2-[[2-(1*H*-indol-3-yl)ethyl]amino]-4,6'-dimethyl-6-oxo-5,6-dihydro-4*H*-1,2'-bipyrimidine-4-carboxylic acid

Column: (S,S) Whelk-O 1, 5 μ m, 25 cm x 4.6 mm
Mobile Phase: (60/40)
CO₂/Ethanol + 0.2% TFA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k'₁: 8.09
k'₂: 8.53
 α : 1.05
Catalog #: 1-780101-300



Indole

1-{1-[2-(2-methyl-2,3-dihydro-1H-indol-1-yl)-2-oxoethyl]-1H-indol-3-yl}-2-(4-morpholinyl)-2-oxoethanone

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 2.0 mL/min

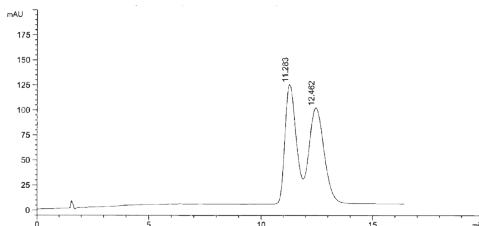
Detection: UV 220 nm

k': 6.78

k': 7.59

α : 1.12

Catalog #: 1-783104-300



Indole

1,3-dimethyl-5-({1-[2-(2-methyl-1-piperidiny)-2-oxoethyl]-1H-indol-3-yl} methylene)-2,4,6(1H,3H,5H)-pyrimidinetrione

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: 100% Ethanol

Flow Rate: 1.0 mL/min

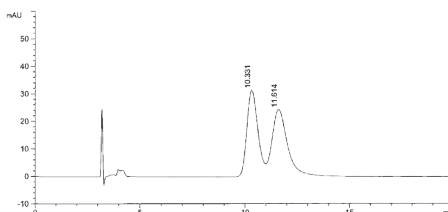
Detection: UV 220 nm

k': 2.56

k': 3.00

α : 1.17

Catalog #: 1-783104-300



Indole

1,3-dimethyl-5-({1-[2-(2-methyl-1-piperidiny)-2-oxoethyl]-1H-indol-3-yl} methylene)-2,4,6(1H,3H,5H)-pyrimidinetrione

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: 100% Ethanol

Flow Rate: 1.0 mL/min

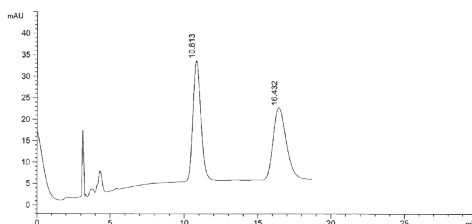
Detection: UV 220 nm

k': 2.73

k': 4.67

α : 1.71

Catalog #: 1-784104-300



Indole

N-[2-[(4-methylbenzoyl)amino]benzoyl]tryptophan

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (65/35)

Hexane/IPA + 0.1% TFA

Flow Rate: 2.0 mL/min

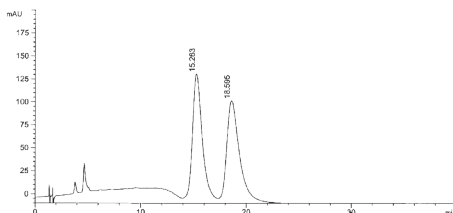
Detection: UV 220 nm

k'₁: 9.52

k'₂: 11.83

α : 1.24

Catalog #: 1-780101-300



Indole

N-[2-[(4-methylbenzoyl)amino]benzoyl]tryptophan

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/IPA + 0.1% TFA

Flow Rate: 1.5 mL/min

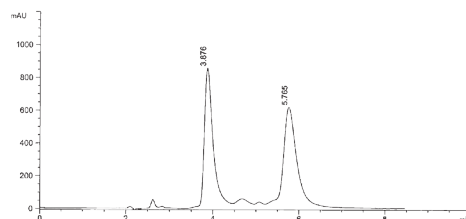
Detection: UV 220 nm

k'₁: 1.04

k'₂: 2.04

α : 1.96

Catalog #: 1-783104-300



Indole

N-[2-[(4-methylbenzoyl)amino]benzoyl]tryptophan

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

CO₂/Ethanol + 0.2% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

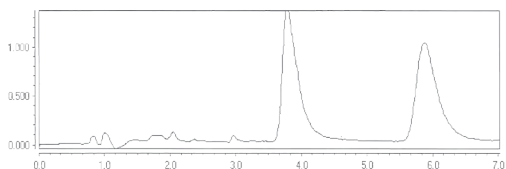
Detection: UV 220 nm

k'₁: 4.04

k'₂: 6.85

α : 1.70

Catalog #: 1-783104-300



Indoprofen

Column: (S,S) Whelk-O 1,

10 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol +

0.01 M Ammonium Acetate

Flow Rate: 2.0 mL/min

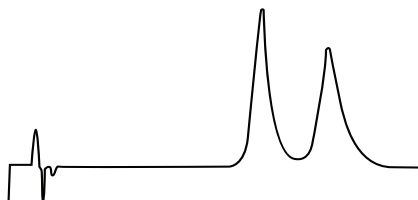
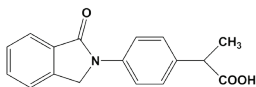
Detection: UV 254 nm

Run Time: 17.0 min

k': 8.93

α : 1.32

Catalog #: 1-786615-300



Indoprofen

Column: Reflect I-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15/0.1) Hexane/

Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

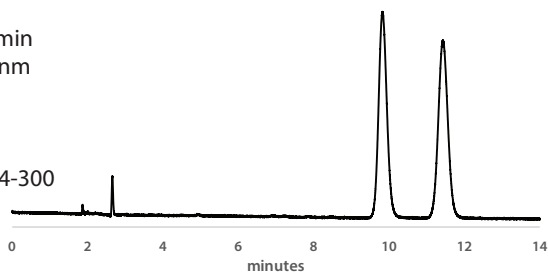
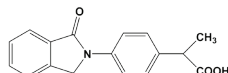
Detection: UV 254 nm

k': 3.90

α : 1.20

CAS #: 31842-01-0

Catalog #: 1-592204-300



Indoprofen

Column: Reflect C-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15/0.1) Hexane/

Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

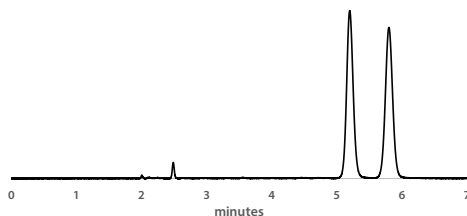
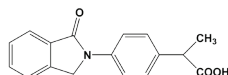
Detection: UV 254 nm

k': 1.55

α : 1.22

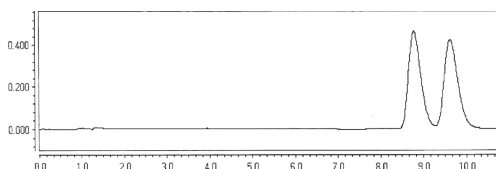
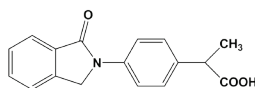
CAS #: 31842-01-1

Catalog #: 1-590204-300



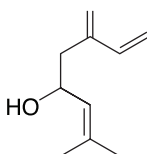
Indoprofen

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
 $\text{CO}_2/\text{CH}_3\text{OH}$ + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 10.70
 α : 1.11
Catalog #: 1-784104-300



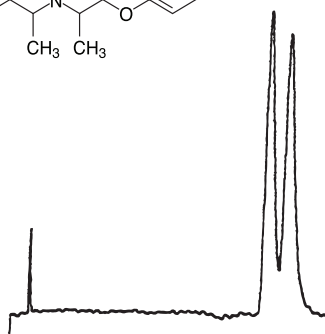
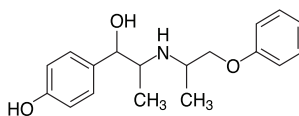
Ipsdienol

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98/2)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 8 min
k': 0.95
 α : 1.21
Catalog #: 1-780101-300,
1-780201-300



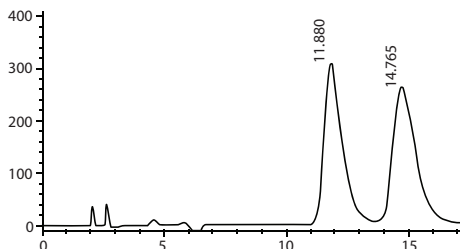
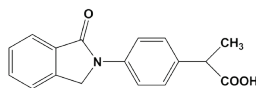
Isoxsuprine

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/Ethanol + 0.01 M
Ammonium Acetate
Flow Rate: 2.0 mL/min
Detection: UV 220 nm
Run Time: 28.0 min
k': 17.91
 α : 1.08
Catalog #: 1-780201-300



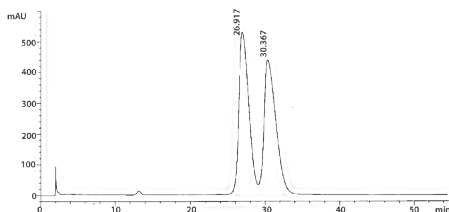
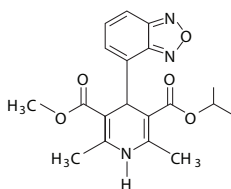
Isoxsuprine

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
+ 0.1% TFA + 0.1% TEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 5.25
 α : 1.29
CAS #: 395-28-8
Catalog #: 1-784104-300



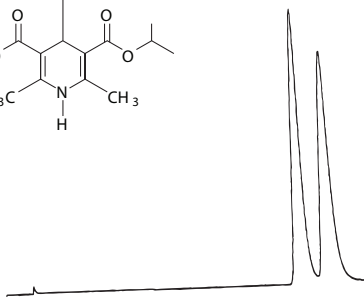
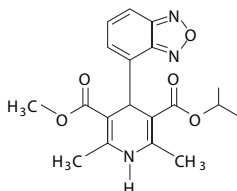
Isradipine

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA + 0.5% TEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 12.95
 α : 1.14
Catalog #: 1-780101-300



Isradipine

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98/2)
Hexane/IPA + 0.5 % TEA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 52 min
k': 9.71
 α : 1.10
Catalog #: 1-780101-300



Isradipine

Reversed Phase

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (63/37)
MeOH/H₂O

Flow Rate: 1.0 mL/min

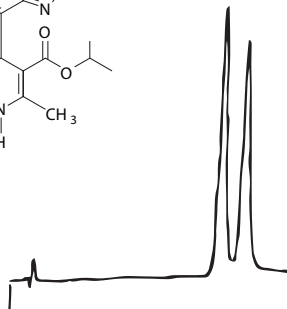
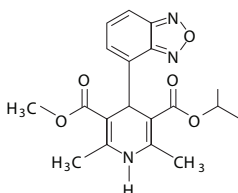
Detection: UV 254 nm

Run Time: 35 min

k': 11.21

α : 1.12

Catalog #: 1-780101-300



Ketamine

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (99/1)
Hexane/IPA + 0.1% TEA

Flow Rate: 1.0 mL/min

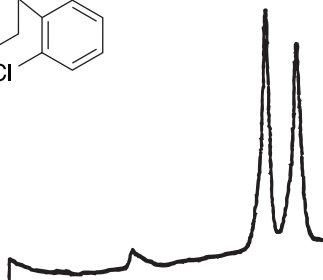
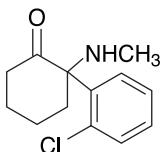
Detection: UV 254 nm

Run Time: 22.0 min

k': 6.37

α : 1.14

Catalog #: 1-786615-300



Ketamine

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)
Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

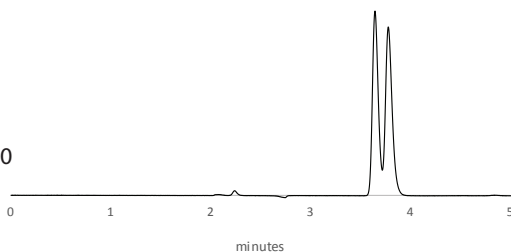
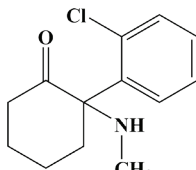
Detection: UV 254 nm

k': 0.82

α : 1.08

CAS #: 1867-66-9

Catalog #: 1-591204-300



Ketamine

Column: Reflect I-Cellulose B,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

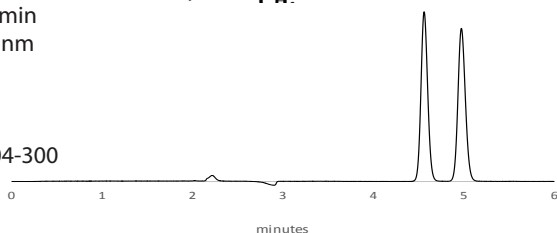
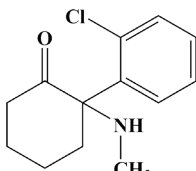
Detection: UV 254 nm

k': 1.27

α : 1.16

CAS #: 1867-66-9

Catalog #: 1-592204-300



Ketamine

Column: Reflect I-Cellulose C,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

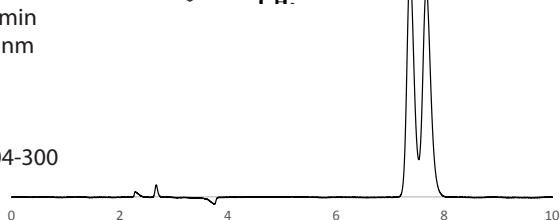
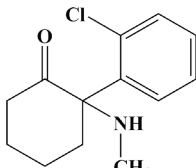
Detection: UV 254 nm

k': 2.68

α : 1.06

CAS #: 1867-66-9

Catalog #: 1-593204-300



Ketamine

Column: Reflect I-Cellulose J,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

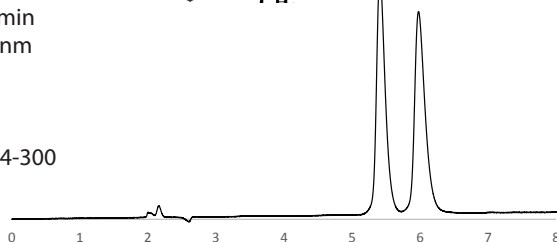
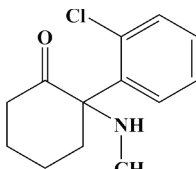
Detection: UV 254 nm

k': 1.70

α : 1.17

CAS #: 1867-66-9

Catalog #: 1-594204-300



Ketamine

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /
IPA+0.2% DEA

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

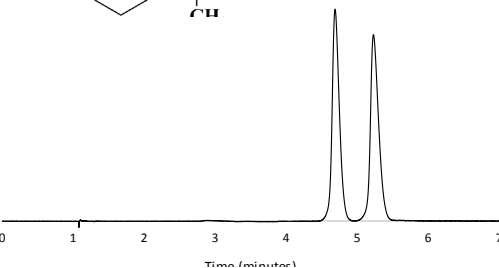
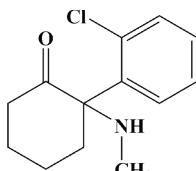
Detection: UV 254 nm

k': 3.68

α : 1.15

CAS #: 1867-66-9

Catalog #: 1-594204-300



Ketoconazole

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (46/46/8)

CH_2Cl_2 /Hexane/IPA

+ 0.01 M Ammonium Acetate

Flow Rate: 1.5 mL/min

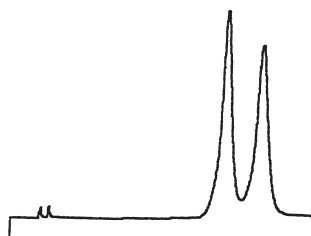
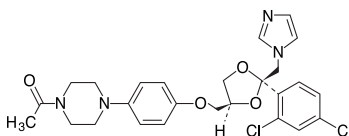
Detection: UV 254 nm

Run Time: 16.0 min

k': 6.60

α : 1.19

Catalog #: 1-786615-300



Ketoconazole

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (50/50)

Hexane/Ethanol

+ 0.1% DEA

Flow Rate: 1.5 mL/min

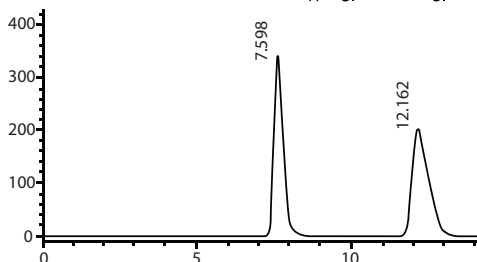
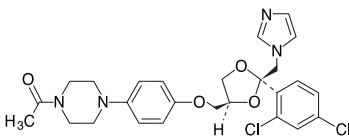
Detection: UV 254 nm

k': 3.00

α : 1.80

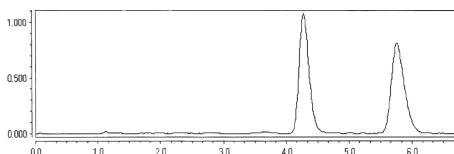
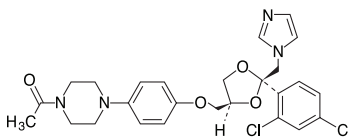
CAS #: 65277-42-1

Catalog #: 1-783104-300



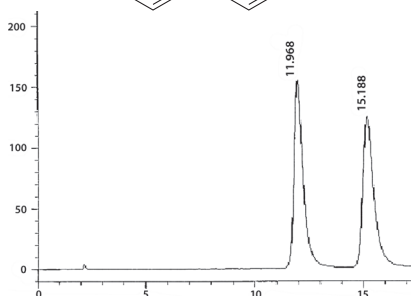
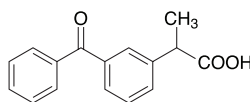
Ketoconazole

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (60/40)
CO₂/Ethanol + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 4.70
 α : 1.42
Catalog #: 1-783104-300



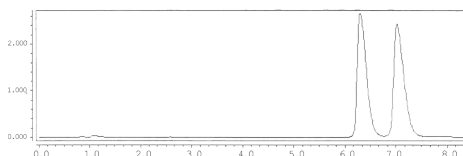
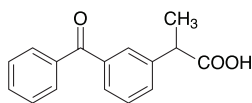
Ketoprofen

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol + 10 mM
Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 11.0 min
k': 5.20
 α : 1.32
Catalog #: 1-780101-300,
1-780201-300



Ketoprofen

Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
CO₂/Ethanol + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 7.41
 α : 1.13
Catalog #: 1-780101-300



Ketoprofen

Column: Reflect C-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)

Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

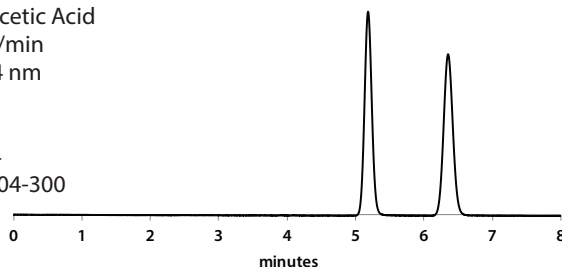
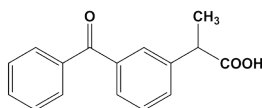
Detection: UV 254 nm

k': 1.59

α : 1.37

CAS #: 22071-15-4

Catalog #: 1-580204-300



Ketoprofen

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

CO₂/Ethanol + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

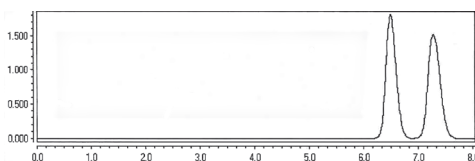
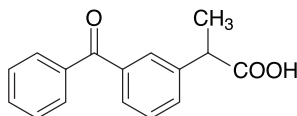
Pressure: 125 bar

Detection: UV 254 nm

k': 7.65

α : 1.14

Catalog #: 1-783104-300



Ketoprofen as 1-naphthylamide

Column: (S,S) ULMO,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

Heptane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 230 nm

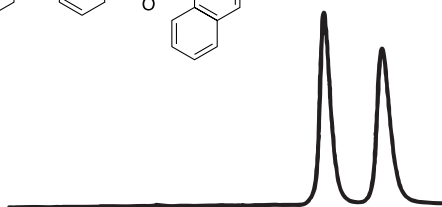
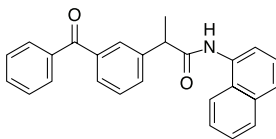
Run Time: 13 min

k': 1.51

α : 1.25

Reference: 48

Catalog #: 1-787100-300



Ketorolac

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/Ethanol

+ 0.1% Acetic Acid

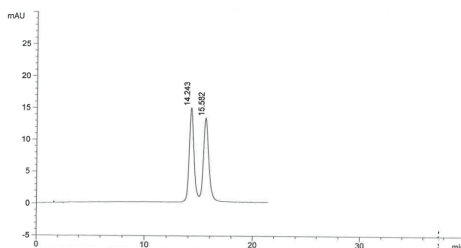
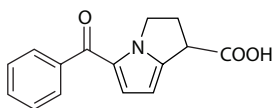
Flow Rate: 2.0 mL/min

Detection: UV 254 nm

k': 8.82

α : 1.11

Catalog #: 1-780101-300



Ketorolac

Column: (R,R) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (98/2)

Hexane/IPA + 0.1% TFA

Flow Rate: 1.5 mL/min

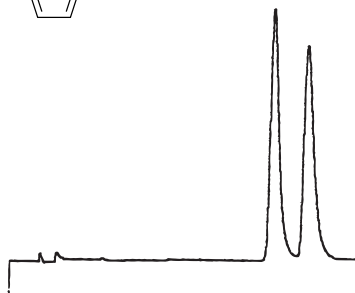
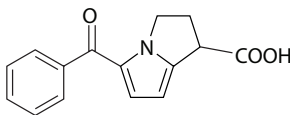
Detection: UV 254 nm

Run Time: 20.0 min

k': 8.87

α : 1.15

Catalog #: 1-780201-300



Ketorolac

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

CO₂/Ethanol + 0.5% Acetic Acid

Flow Rate: 4.0 mL/min

Temperature: 40 °C

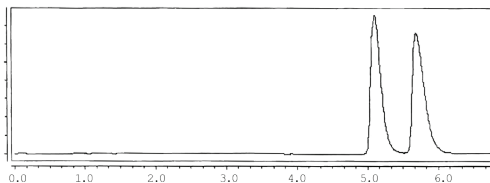
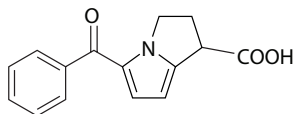
Pressure: 125 bar

Detection: UV 254 nm

k': 5.80

α : 1.13

Catalog #: 1-780101-300



Ketorolac

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

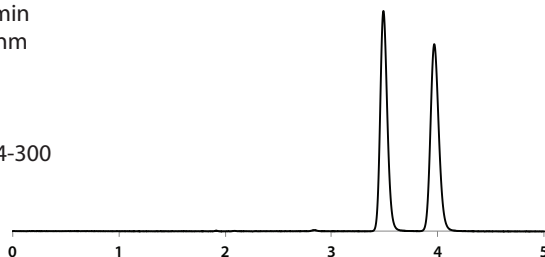
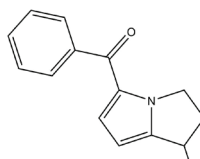
Detection: UV 254 nm

k': 0.74

α : 1.32

CAS #: 74103-06-3

Catalog #: 1-591204-300



Ketorolac

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30/0.1)
Hexane/Ethanol/Ascorbic Acid

Flow Rate: 1.5 mL/min

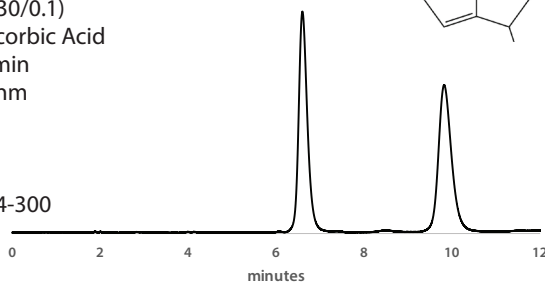
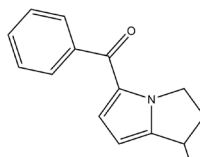
Detection: UV 254 nm

k': 2.29

α : 1.70

CAS #: 74103-06-3

Catalog #: 1-594204-300



Ketorolac

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

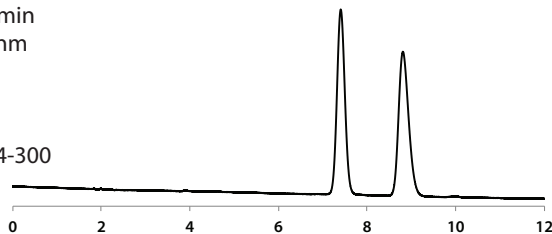
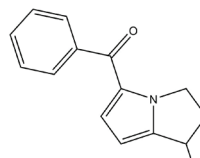
Detection: UV 254 nm

k': 2.70

α : 1.26

CAS #: 74103-06-3

Catalog #: 1-580204-300



Ketorolac

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

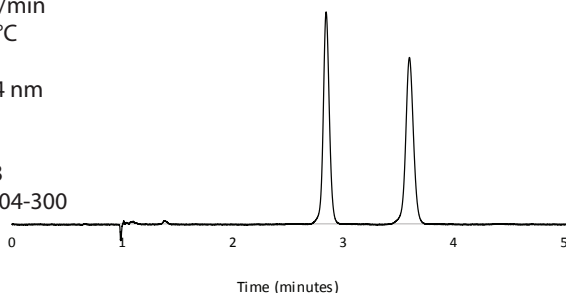
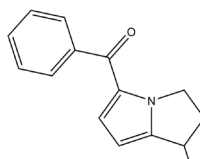
Detection: UV 254 nm

k': 1.84

α : 1.41

CAS #: 74103-06-3

Catalog #: 1-594204-300



Kynurenine

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35)
 $\text{H}_2\text{O}/\text{CH}_3\text{OH}$

+ 0.1% Acetic Acid

Flow Rate: 1.0 mL/min

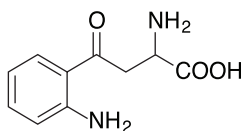
Detection: UV 254 nm

Run Time: 9.0 min

k': 1.17

α : 1.99

Catalog #: 1-786615-300



Lacosamide (Enriched)

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (50/50)
Ethanol/Methanol

Flow Rate: 1.0 mL/min

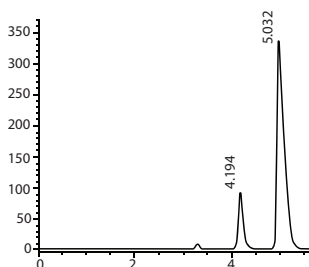
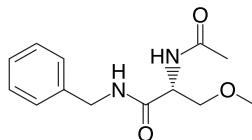
Detection: UV 220 nm

k': 0.45

α : 1.64

CAS #: 175481-36-4

Catalog #: 1-783104-300



β -Lactam

Column: (S,S) DACH-DNB,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (48/48/2)
Hexne/CH₂Cl₂/IPA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

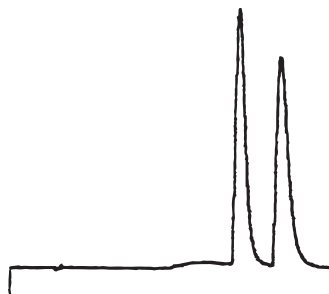
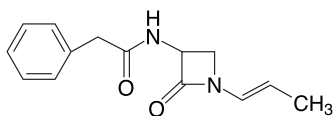
Run Time: 14.0 min

k': 3.40

α : 1.33

Reference: 59

Catalog #: 1-788101-300



Lansoprazole

Column: Reflect I-Amylose A,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

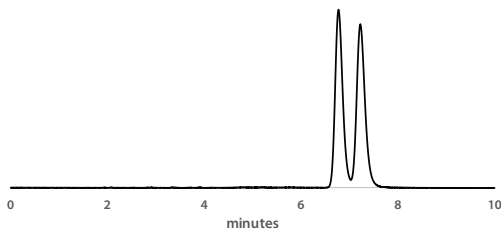
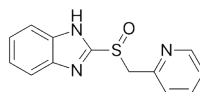
Detection: UV 254 nm

k': 2.38

α : 1.09

CAS#: 103577-45-3

Catalog #: 1-591204-300



Lansoprazole

Column: Reflect I-Cellulose B,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

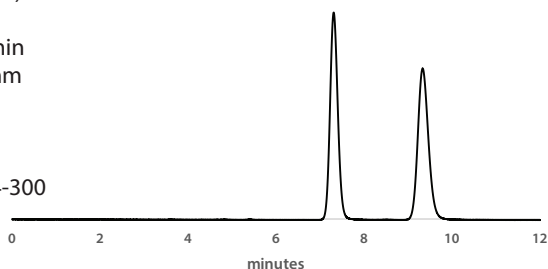
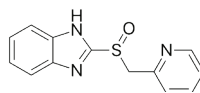
Detection: UV 254 nm

k': 2.65

α : 1.38

CAS#: 103577-45-3

Catalog #: 1-592204-300



Lansoprazole

Column: Reflect I-Cellulose C,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

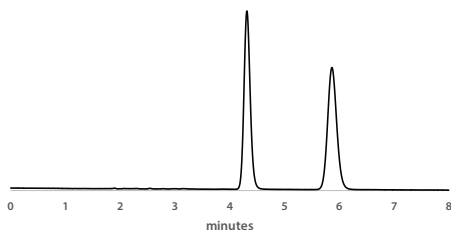
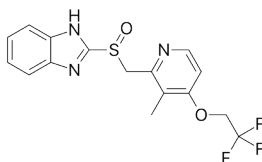
Detection: UV 254 nm

k': 1.15

α : 1.67

CAS#: 103577-45-3

Catalog #: 1-593204-300



Lansoprazole

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

Flow Rate: 1.5 mL/min

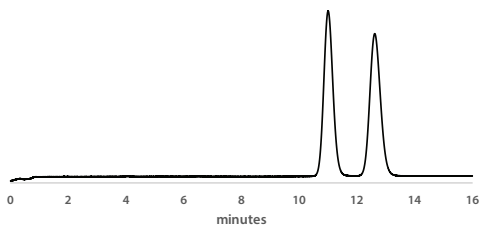
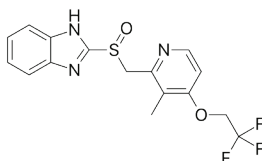
Detection: UV 254 nm

k': 4.49

α : 1.18

CAS#: 103577-45-3

Catalog #: 1-580204-300



Lansoprazole

Column: Reflect C-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

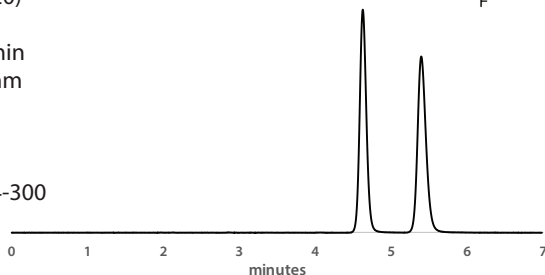
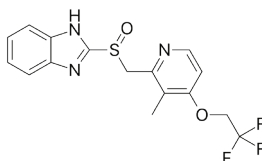
Detection: UV 254 nm

k': 1.31

α : 1.29

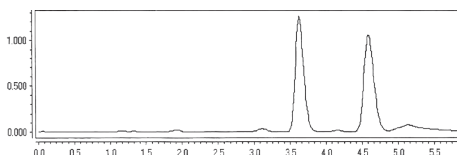
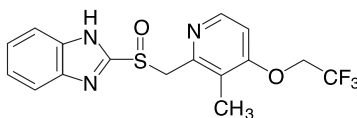
CAS#: 103577-45-3

Catalog #: 1-590204-300



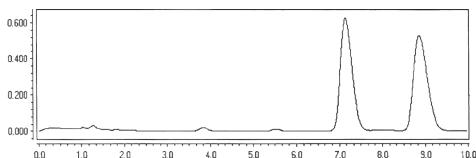
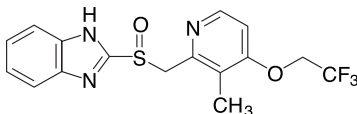
Lansoprazole

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
CO₂/Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 3.83
 α : 1.34
Catalog #: 1-783104-300



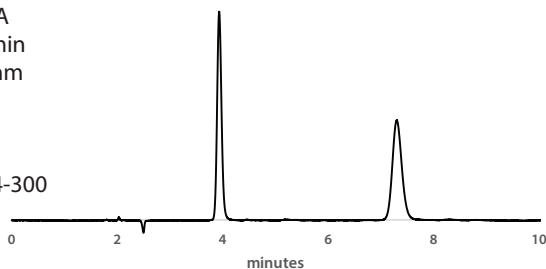
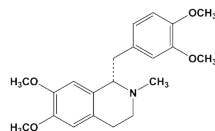
Lansoprazole

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
CO₂/Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 8.52
 α : 1.27
Catalog #: 1-784104-300



Laudanosine

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30/0.1)
Hexane/Ethanol/DEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 0.96
 α : 2.74
CAS #: 1699-51-0
Catalog #: 1-592204-300



Laudanosine

Column: Reflect C-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

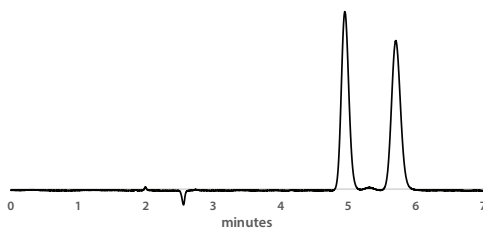
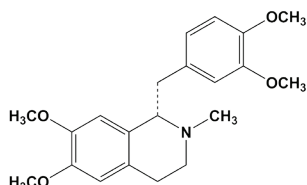
Detection: UV 220 nm

k': 1.47

α : 1.26

CAS #: 1699-51-0

Catalog #: 1-580204-300



Laudanosine

Column: Reflect C-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

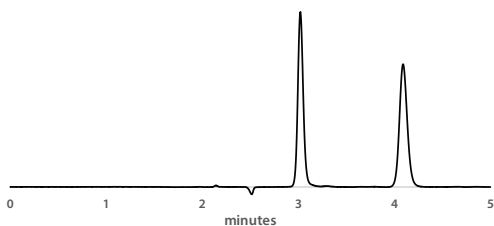
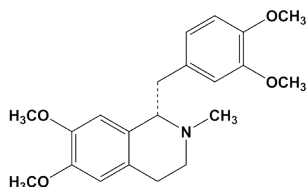
Detection: UV 220 nm

k': 0.51

α : 2.05

CAS #: 1699-51-0

Catalog #: 1-590204-300



Laudanosine

Column: RegisCell,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

CO₂/IPA + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

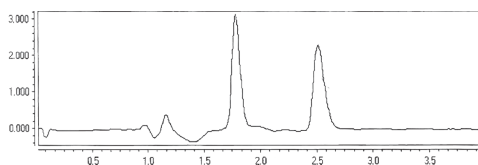
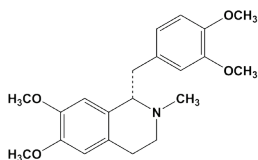
Pressure: 124 bar

Detection: UV 220 nm

k': 1.38

α : 1.71

Catalog #: 1-784104-300



Leptophos (Phosvel)

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: 100%

Hexane

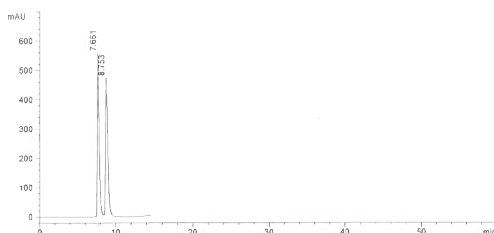
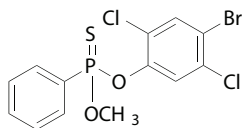
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 2.97

α : 1.19

Catalog #: 1-780101-300



Leptophos, Phosvel

Insecticide

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: 100% Hexane

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

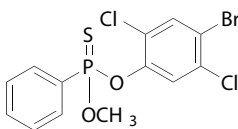
Run Time: 10 min

k': 4.11

α : 1.18

Catalog #: 1-780101-300,

1-780201-300



Lercanidipine

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (75/25)

Hexane/IPA

Flow Rate: 1.5 mL/min

Detection: UV 220 nm

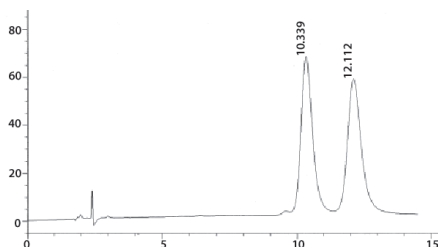
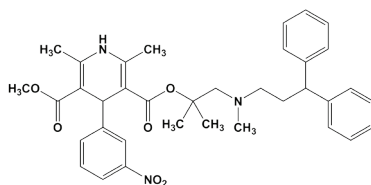
k': 4.44

α : 1.21

CAS #: 100427-26-7

Catalog #: 1-780101-300,

1-780201-300



Lercanidipine

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)
CO₂/IPA + .5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

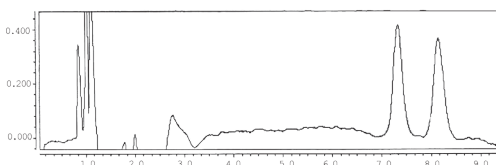
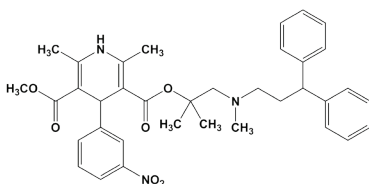
Pressure: 125 bar

Detection: UV 220 nm

k': 8.77

α : 1.13

Catalog #: 1-780101-300



Leucine

Column: ChiroSil,
5 μm , 15 cm x 4.6 mm

Mobile Phase: (45/55)
CH₃OH/H₂O

+10 mM Acetic Acid

Flow Rate: 1.0 mL/min

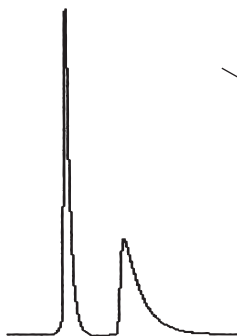
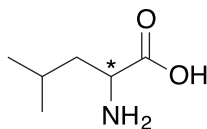
Detection: UV 210 nm

Run Time: 5.5 min

k': 1.03

α : 2.14

Catalog #: 1-799001-300,
1-799101-300



DL-Leucine

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm

Mobile Phase: (30/70)

10mM Acetic Acid / MeOH

Flow Rate: 1.0 mL/min

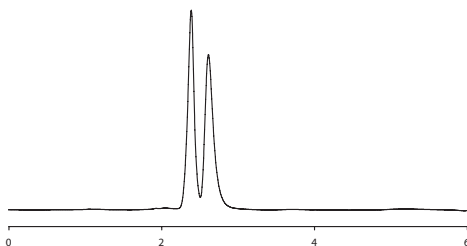
Detection: UV 210 nm

Temperature: 20 °C

k': 0.14

α : 1.79

Catalog #: 1-788001-300



Leucolines

N-[(8-hydroxy-7-quinolinyl)(4-methylphenyl)methyl]-2-methylpropanamide

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

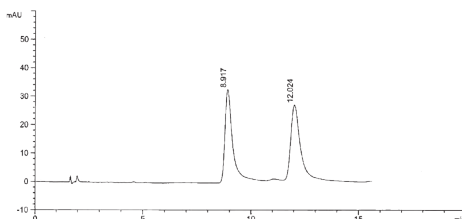
Detection: UV 220 nm

k'₁: 5.15

k'₂: 7.29

α : 1.42

Catalog #: 1-780101-300



Leucolines

N-[(2-chlorophenyl)(8-hydroxy-7-quinolinyl)methyl]-2-methylpropanamide

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

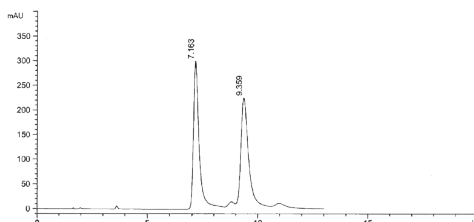
Detection: UV 220 nm

k'₁: 3.94

k'₂: 5.45

α : 1.38

Catalog #: 1-780101-300



Leucolines

N'-(2-hydroxy-5-methoxybenzylidene)-2-(8-quinolinylloxy)propanohydrazide

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (65/35)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

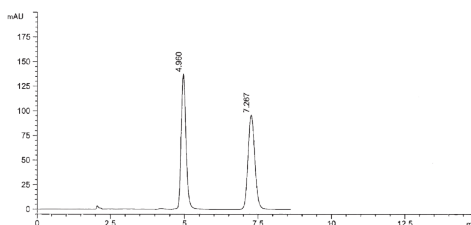
Detection: UV 220 nm

k'₁: 1.61

k'₂: 2.82

α : 1.75

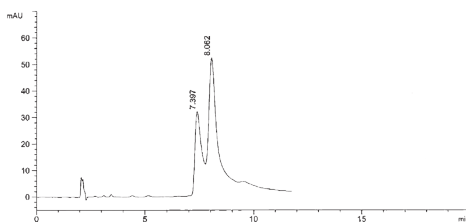
Catalog #: 1-783104-300



Leucolines

N-[(3,4-dimethoxyphenyl)(8-hydroxy-7-quinolinyl)methyl]-2-methylpropanamide

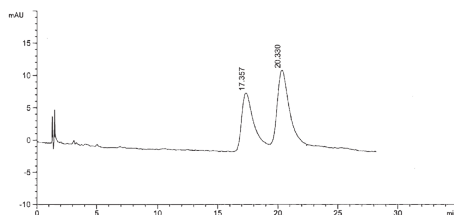
Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 2.89
k': 3.84
 α : 1.12
Catalog #: 1-783104-300



Leucolines

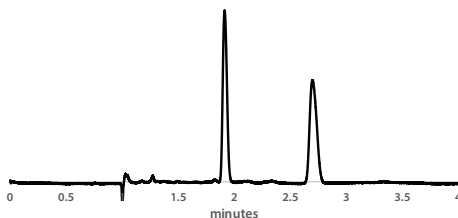
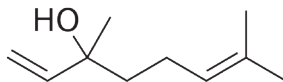
N-[(3,4-dimethoxyphenyl)(8-hydroxy-7-quinolinyl)methyl]-2-methylpropanamide

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (60/40)
Hexane/Ethanol
Flow Rate: 2.0 mL/min
Detection: UV 220 nm
k': 10.97
k': 13.02
 α : 1.19
Catalog #: 1-780101-300

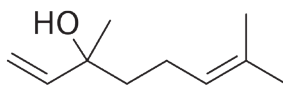


Linalool

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20) CO_2 /Methanol
Flow Rate: 3.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 150 bar
Detection: UV 220 nm
k': 0.91
 α : 1.86
CAS #: 78-70-6
Catalog #: 1-580204-300



Linalool



Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /Methanol

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

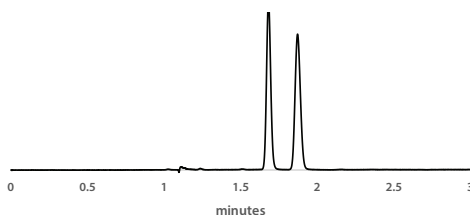
Detection: UV 210 nm

k' : 0.68

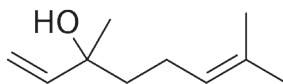
α : 1.28

CAS #: 78-70-6

Catalog #: 1-591204-300



Linalool



Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

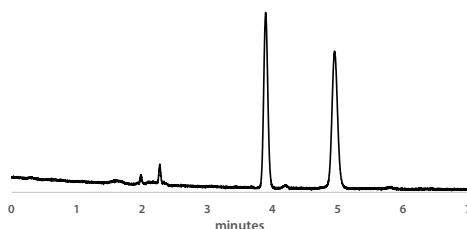
Detection: UV 220 nm

k' : 0.94

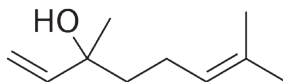
α : 1.56

CAS #: 78-70-6

Catalog #: 1-580204-300



Linalool



Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

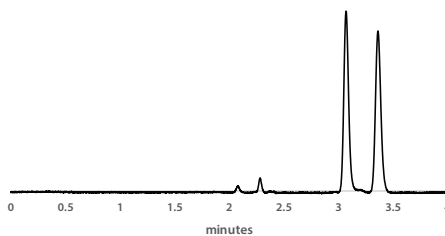
Detection: UV 220 nm

k' : 0.53

α : 1.27

CAS #: 78-70-6

Catalog #: 1-591204-300



Lofexidine

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)
Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

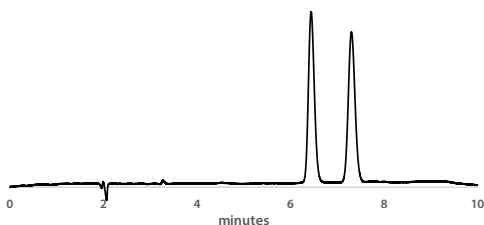
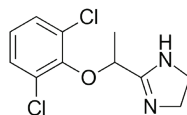
Detection: UV 254 nm

k': 2.21

α : 1.19

CAS #: 31036-80-3

Catalog #: 1-580204-300



Lofexidine

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)
Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

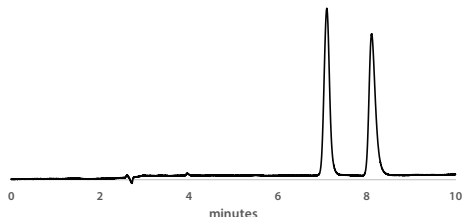
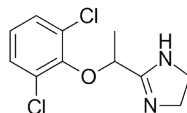
Detection: UV 254 nm

k': 2.54

α : 1.20

CAS #: 31036-80-3

Catalog #: 1-591204-300



Lorazepam

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)
Hexane/IPA

+ 0.1% Acetic Acid

Flow Rate: 1.5 mL/min

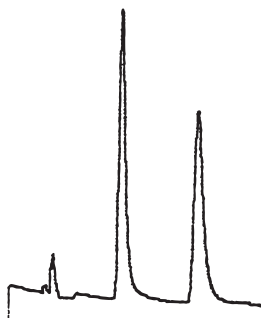
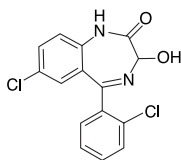
Detection: UV 254 nm

Run Time: 9.0 min

k': 2.08

α : 2.02

Catalog #: 1-780201-300



Lorglumide

Column: (R,R) Whelk-O 1,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/IPA

+ 0.1% Acetic Acid

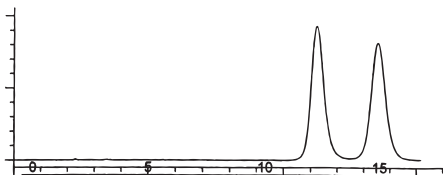
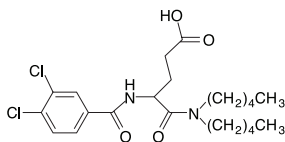
Flow Rate: 2.0 mL/min

Detection: UV 254 nm

k': 5.22

α : 1.25

Catalog #: 1-786515-300



Lorglumide

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

CO₂/IPA + 0.5% Acetic Acid

Flow Rate: 4.0 mL/min

Temperature: 40 °C

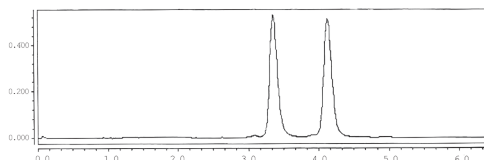
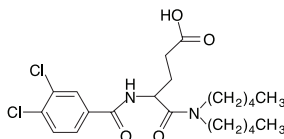
Pressure: 125 bar

Detection: UV 254 nm

k': 3.47

α : 1.30

Catalog #: 1-780101-300



Lorglumide

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

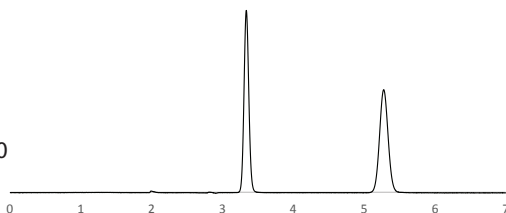
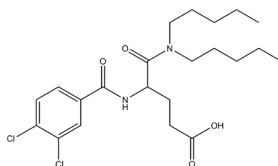
Detection: UV 254 nm

k': 0.66

α : 2.46

CAS #: 1021868-76-7

Catalog #: 1-592204-300



Lorglumide

Column: Reflect I-Cellulose C,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

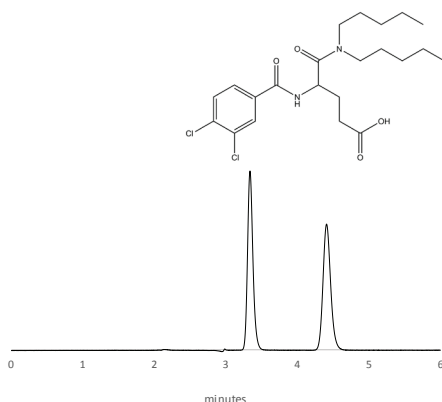
Detection: UV 254 nm

k': 0.66

α : 1.80

CAS #: 1021868-76-7

Catalog #: 1-593204-300



Loxiglumide

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)
Hexane/IPA + 0.1% Acetic Acid

Flow Rate: 2.0 mL/min

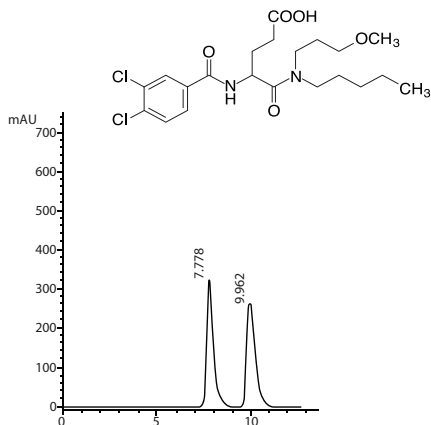
Detection: UV 254 nm

k': 4.56

α : 1.34

CAS #: 107097-80-3

Catalog #: 1-780101-300,
1-780201-300



Loxoprofen

Column: (R,R) Whelko-O 1,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)
Hexane/Ethanol
+ 0.01 M Ammonium Acetate

Flow Rate: 1.5 mL/min

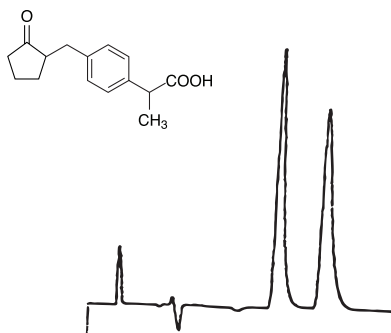
Detection: UV 254 nm

Run Time: 15.0 min

k': 5.41

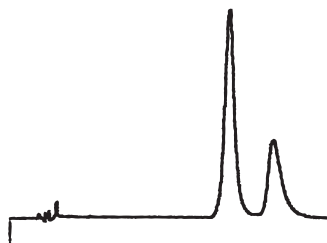
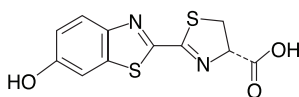
α : 1.30

Catalog #: 1-780201-300



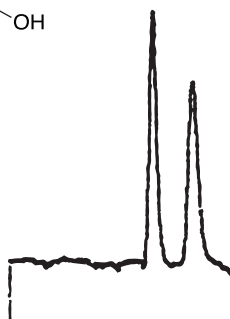
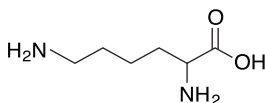
Luciferin

Column: L-Leucine,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (60/40)
Hexane/Ethanol + 0.04 mM
Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 15.5 min
k': 6.09
 α : 1.25
Catalog #: 1-731041-300



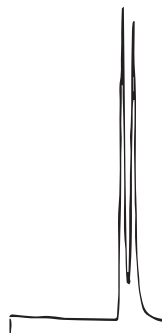
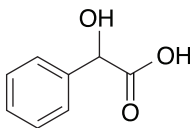
Lysine

Column: ChiroSil,
5 μm , 15 cm x 4.6 mm
Mobile Phase: (70/30)
CH₃OH/H₂O
+0.01% Phosphoric Acid
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Run Time: 5.3 min
k': 1.44
 α : 1.48
Catalog #: 1-799001-300,
1-799101-300



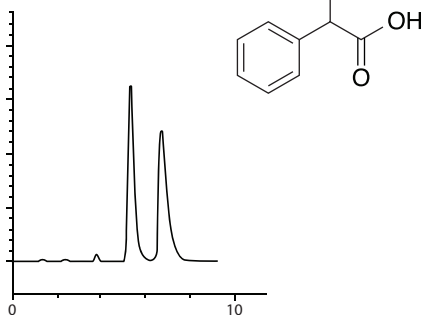
Mandelic Acid

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 0.1% HOAc
in water
Flow Rate: 1.0 mL/min
Detection: 254 nm
Run Time: 13 min
k': 3.08
 α : 1.13
Catalog #: 1-780101-300,
1-780201-300



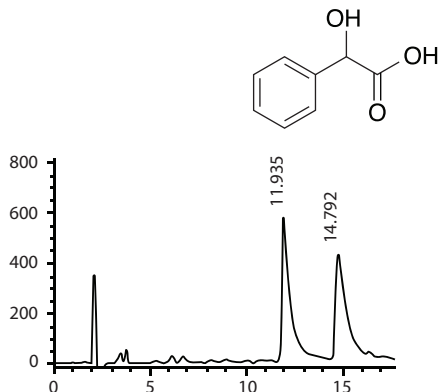
Mandelic acid

Column: (R,R) Whelk-O 2,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/Ethanol
+ 25mM Ammonium Acetate
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 2.80
 α : 1.36
Catalog #: 1-786315-300



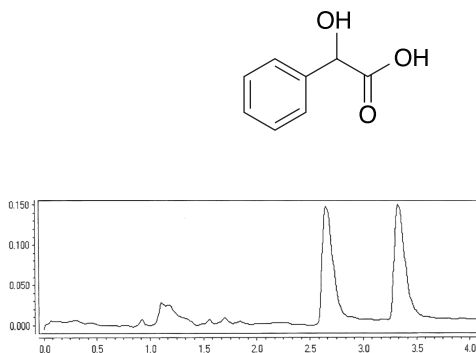
Mandelic Acid

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 5.28
 α : 1.28
CAS #: 90-64-2
Catalog #: 1-783104-300



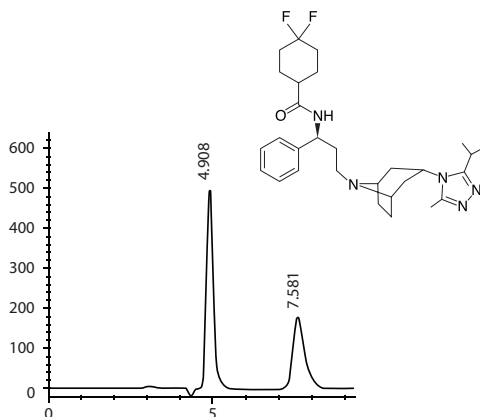
Mandelic Acid

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
 CO_2 /IPA + 0.5% TFA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 2.53
 α : 1.36
Catalog #: 1-783104-300



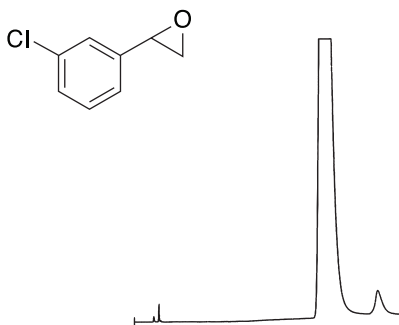
Maraviroc

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100%
Ethanol + 0.1% DEA
Flow Rate: 1.0 mL/min
Detection: UV 220 nm
 k' : 0.69
 α : 2.34
CAS #: 376348-65-1
Catalog #: 1-780101-300,
1-780201-300



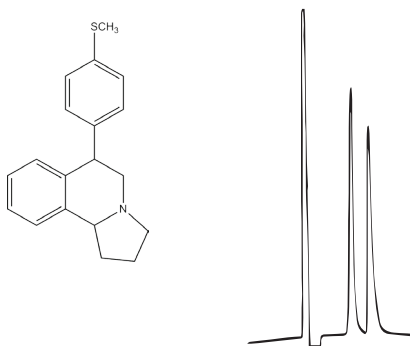
m-Cl Styrene Oxide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100%
Hexane
Flow Rate: 1.0 mL/min
Detection: UV 220 nm
Reference: 30
Catalog #: 1-780101-300,
1-780201-300



McN 5652

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98/2)
Hexane/IPA + 0.2%
DEA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
 k' : 0.85
 α : 1.36
Reference: 32
Catalog #: 1-780101-300,
1-780201-300



Meclizine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)
CO₂/Ethanol + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

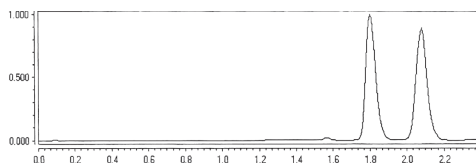
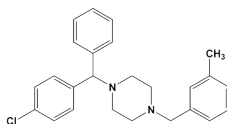
Pressure: 125 bar

Detection: UV 254 nm

k': 1.40

α : 1.27

Catalog #: 1-783104-300



Mecoprop

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (99/1)
Hexane/IPA + 0.1% Acetic Acid

Flow Rate: 1.5 mL/min

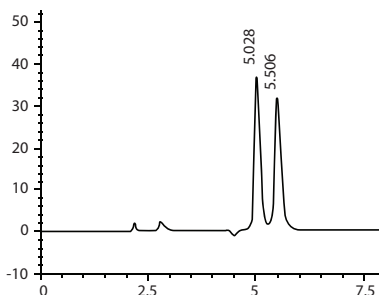
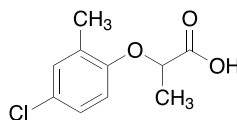
Detection: UV 254 nm

k': 1.61

α : 1.15

CAS #: 93-65-2

Catalog #: 1-780101-300,
1-780201-300



Mecoprop

Herbicide

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (99/1)
Hexane/IPA + 0.1% HOAc

Flow Rate: 1.0 mL/min

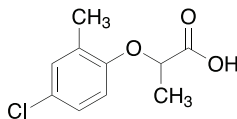
Detection: UV 254 nm

Run Time: 15 min

k': 6.54

α : 1.13

Catalog #: 1-780101-300, 1-780201-300



Mecoprop

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /IPA+0.5%
TrifluoroAcetic Acid

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

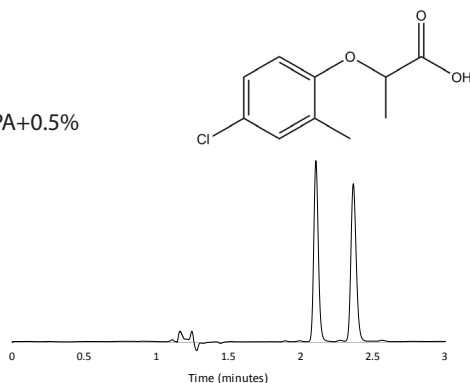
Detection: UV 210 nm

k' : 1.10

α : 1.23

CAS #: 93-65-2

Catalog #: 1-591204-300



Mecoprop

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /IPA+0.5% TFA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

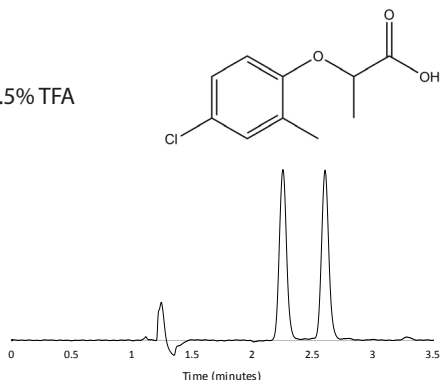
Detection: UV 210 nm

k' : 1.25

α : 1.28

CAS #: 93-65-2

Catalog #: 1-593204-300



Mecoprop

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /Methanol
+0.2% TrifluoroAcetic Acid

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

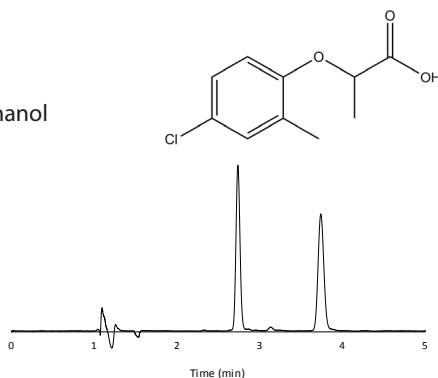
Detection: UV 210 nm

k' : 1.73

α : 1.53

CAS #: 93-65-2

Catalog #: 1-580204-300



Mecoprop

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /
IPA+0.5% TFA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

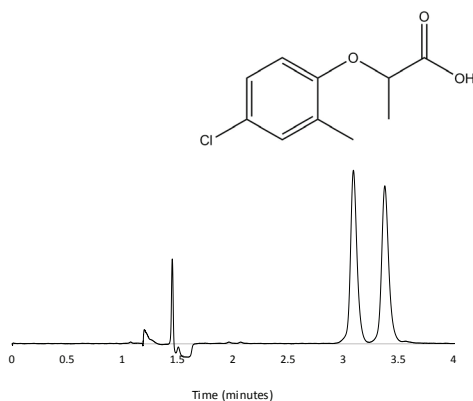
Detection: UV 210 nm

k' : 2.09

α : 1.14

CAS #: 93-65-2

Catalog #: 1-594204-300



Mecoprop

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)
Hexane/IPA + 0.1% TFA

Flow Rate: 1.5 mL/min

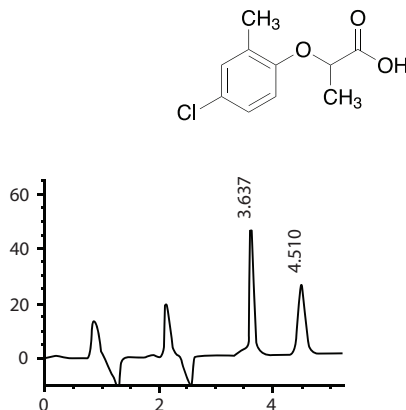
Detection: UV 254 nm

k' : 0.91

α : 1.50

CAS #: 7085-19-0

Catalog #: 1-783104-300



Mecoprop

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)
 CO_2 /IPA + 0.5% TFA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

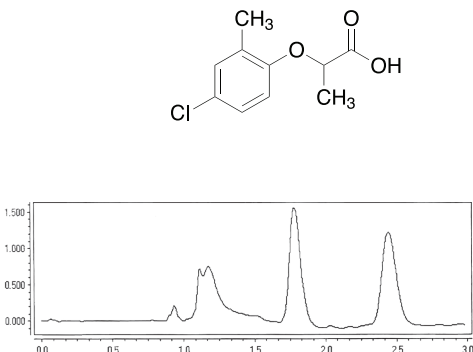
Pressure: 124 bar

Detection: UV 220 nm

k' : 1.38

α : 1.64

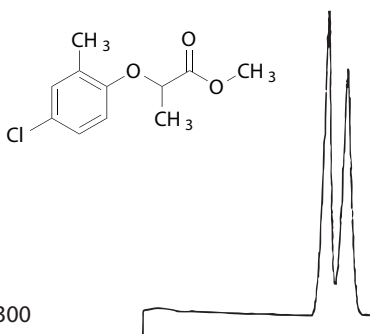
Catalog #: 1-783104-300



Mecoprop Methyl

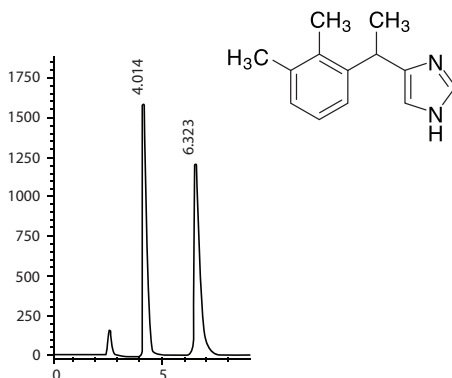
Insecticide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100% Hexane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 15 min
k': 6.92
 α : 1.15
Catalog #: 1-780101-300, 1-780201-300



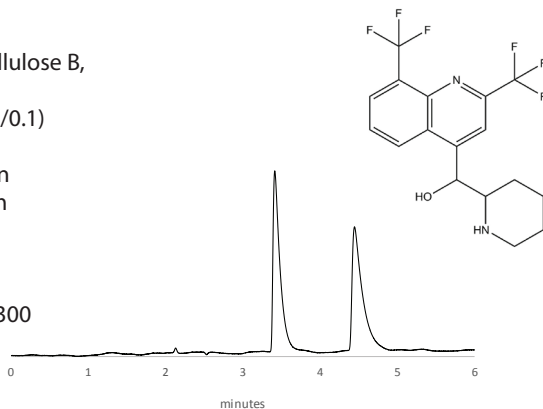
Medetomidine

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/IPA + 0.1%DEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 1.09
 α : 2.09
CAS #: 86347-14-0
Catalog #: 1-780101-300,
1-780201-300



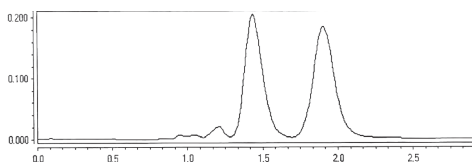
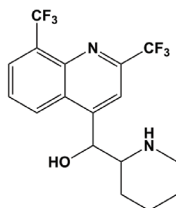
Mefloquine

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10/0.1)
Hexane/Ethanol/TFA
Flow Rate: 1.0 mL/min
Detection: UV 220 nm
k': 0.70
 α : 1.73
CAS: 53230-10-7
Catalog #: 1-590204-300



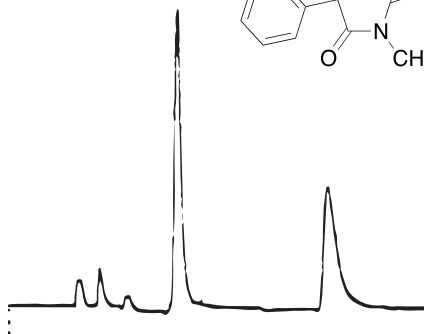
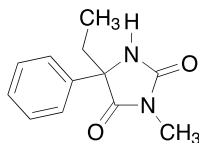
Mefloquine

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
CO₂/Ethanol + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 124 bar
Detection: UV 254 nm
k': 0.91
 α : 1.68
Catalog #: 1-784104-300



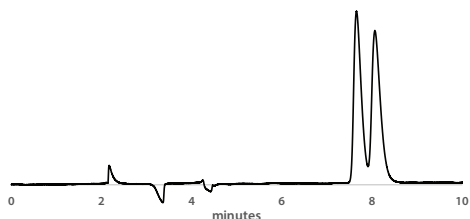
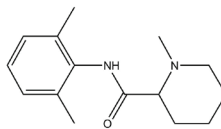
Mephénytoin

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 14 min
k': 1.57
 α : 2.46
Reference: 31
Catalog #: 1-780101-300,
1-780201-300



Mepivacaine

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (97/3/0.1)
Hexane/IPA/DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.82
 α : 1.07
CAS: 1722-62-9
Catalog #: 1-591204-300



Mepivacaine

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

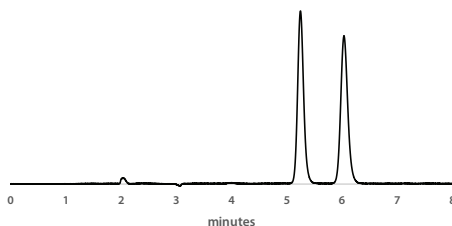
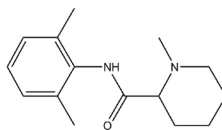
Detection: UV 254 nm

k': 1.62

α : 1.24

CAS: 1722-62-9

Catalog #: 1-593204-300

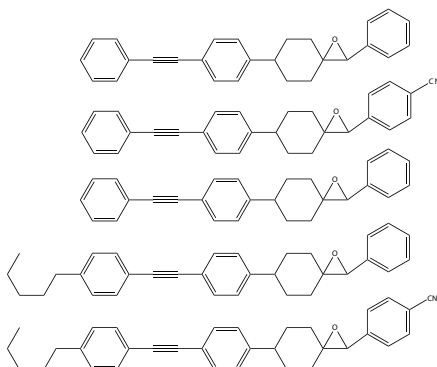


Mesogens

Mesogenepoxide derivatives

Schuster's Candidate
Photoresolvable

Reference: 13



No chromatogram available.

Metalaxyl

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/IPA

Flow Rate: 1.5 mL/min

Detection: UV 220 nm

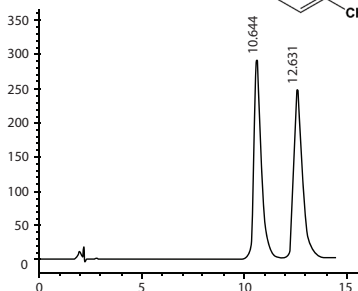
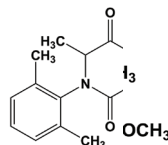
k': 4.60

α : 1.23

CAS #: 57837-19-1

Catalog #: 1-780101-300,

1-780201-300



Metalaxyl

Herbicide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)
Hexane/IPA

Flow Rate: 1.0 mL/min

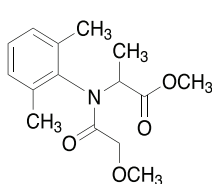
Detection: UV 254 nm

Run Time: 13 min

k': 6.54

α : 1.13

Catalog #: 1-780101-300, 1-780201-300



Metalaxyl

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)
 CO_2 /IPA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

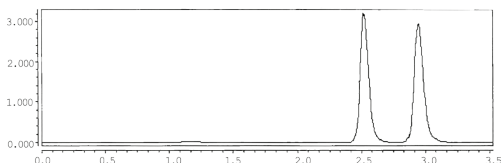
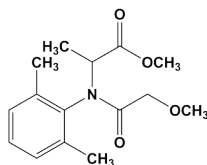
Pressure: 125 bar

Detection: UV 220 nm

k': 2.36

α : 1.25

Catalog #: 1-780101-300



Metalaxyl

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

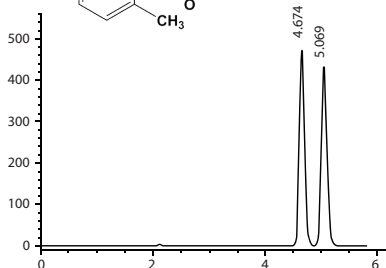
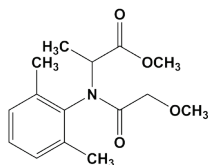
Detection: UV 220 nm

k': 1.46

α : 1.14

CAS #: 57837-19-1

Catalog #: 1-783104-300



Metalaxyl

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)
 CO_2/IPA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

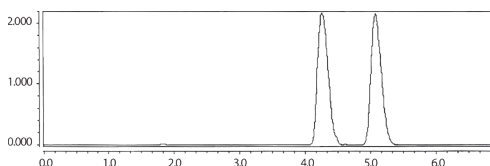
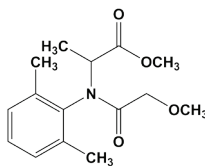
Pressure: 125 bar

Detection: UV 220 nm

k' : 4.68

α : 1.23

Catalog #: 1-783104-300



Metalaxyl

Column: RegisCell,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

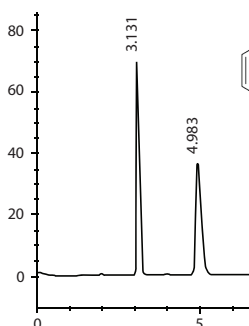
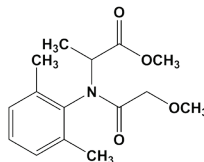
Detection: UV 254 nm

k' : 0.64

α : 2.54

CAS #: 57837-19-1

Catalog #: 1-784104-300



Metalaxyl

Column: RegisCell,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)
 CO_2/IPA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

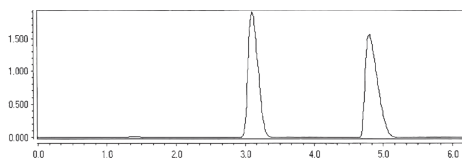
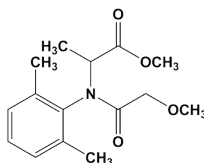
Pressure: 125 bar

Detection: UV 220 nm

k' : 3.13

α : 1.72

Catalog #: 1-784104-300



Metaproterenol

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

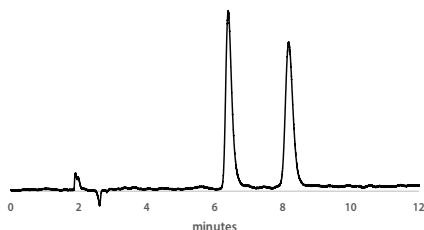
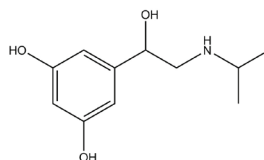
Detection: UV 220 nm

k': 2.19

α : 1.41

CAS #: 586-06-1

Catalog #: 1-580204-300



Metaproterenol

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

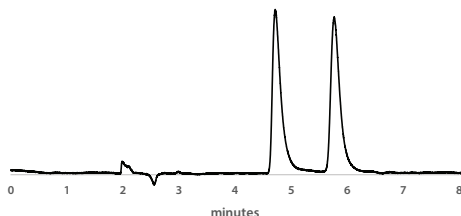
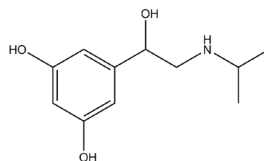
Detection: UV 220 nm

k': 1.35

α : 1.39

CAS #: 586-06-1

Catalog #: 1-591204-300



Metaproterenol

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

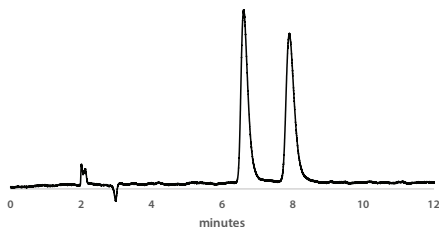
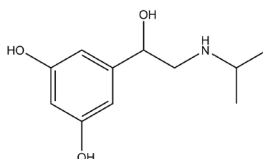
Detection: UV 220 nm

k': 2.30

α : 1.28

CAS #: 586-06-1

Catalog #: 1-593204-300



Methadone Hydrochloride

Column: (S) α -Burke 2,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (88/12)

Hexane/Ethanol

+ 0.1% TEA

Flow Rate: 1.5 mL/min

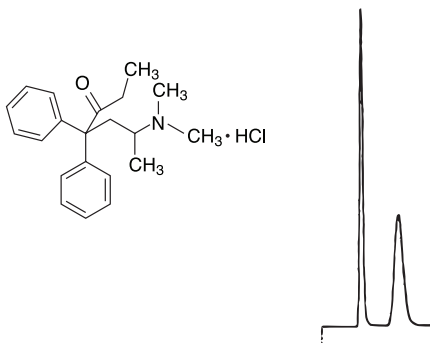
Detection: UV 254 nm

Run Time: 10.0 min

k': 3.50

α : 1.34

Catalog #: 1-735037-300



Methaqualone

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: 100%

Methanol + 0.1% DEA

Flow Rate: 1.0 mL/min

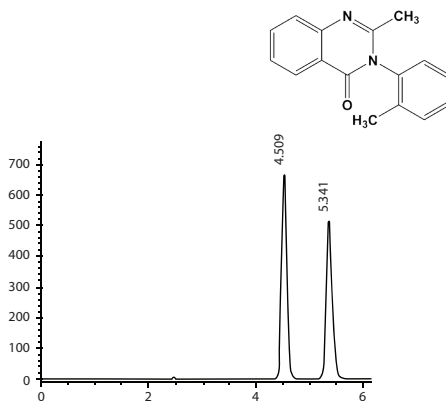
Detection: UV 254 nm

k': 1.37

α : 1.32

CAS #: 72-44-6

Catalog #: 1-783104-300



Methaqualone

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

$\text{CO}_2/\text{CH}_3\text{OH}$ + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

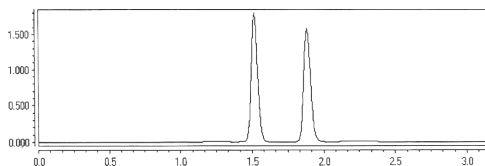
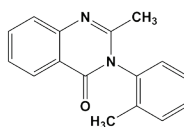
Pressure: 125 bar

Detection: UV 254 nm

k': 1.02

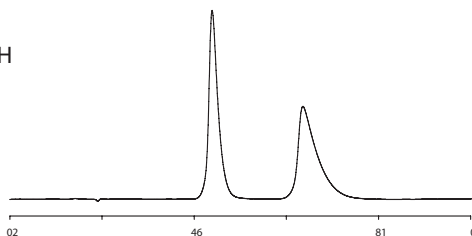
α : 1.48

Catalog #: 1-783104-300



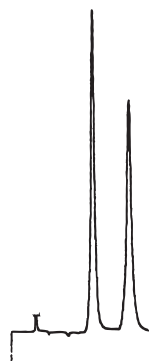
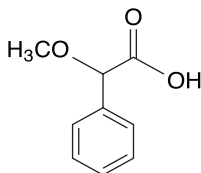
DL-Methionine

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (30/70)
0.01% Phosphoric Acid/MeOH
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Temperature: 20 $^{\circ}\text{C}$
k': 1.32
 α : 1.79
Catalog #: 1-788001-300



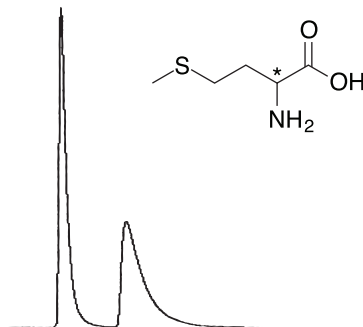
α -Methoxyphenyl Acetic Acid

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol
+ 0.01 M Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
Run Time: 10.0 min
k': 2.96
 α : 1.61
Catalog #: 1-786615-300



Methionine

Column: ChiroSil,
5 μm , 15 cm x 4.6 mm
Mobile Phase: (45/55)
CH₃OH/H₂O
+10 mM Acetic Acid
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Run Time: 7.5 min
k': 1.64
 α : 2.04
Catalog #: 1-799001-300,
1-799101-300



Methoxyphenamine

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (98/2/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

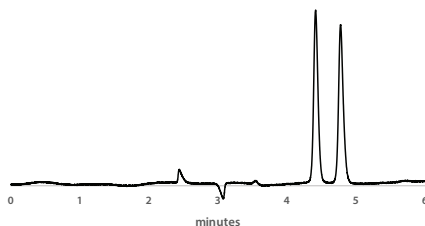
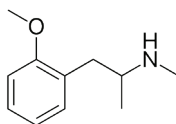
Detection: UV 254 nm

k': 1.21

α : 1.15

CAS #: 93-30-1

Catalog #: 1-590204-300



1-(4-Methoxyphenyl)-2-butanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (98.5/1.5)

n-Heptane/1,2-Dimethoxyethane

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

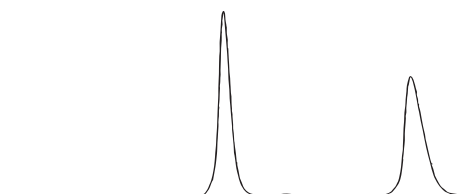
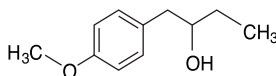
Run Time: 12.0 min

k': 2.04

α : 1.49

Reference: 60

Catalog #: 1-787100-300



1-(o-Methoxyphenyl) Ethanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (98.5/1.5)

n-Heptane/1,2-Dimethoxyethane

Flow Rate: 1.5 mL/min

Detection: UV 254 nm

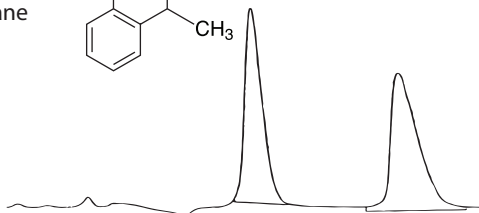
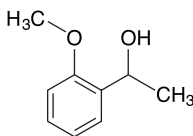
Run Time: 11.0 min

k': 3.27

α : 1.29

Reference: 60

Catalog #: 1-787100-300



2-Methoxyphenyl Phenyl Carbinol

Column: (S,S) ULMO,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (99/1)

Heptane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 215 nm

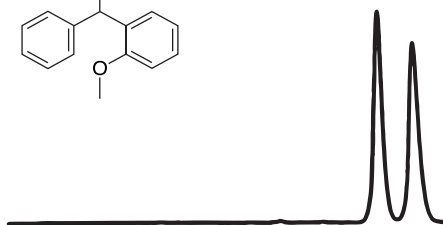
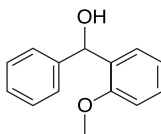
Run Time: 12.0 min

k': 2.92

α : 1.13

Reference: 43

Catalog #: 1-787100-300



1-(4-Methoxyphenyl)-2-propanol

Column: (S,S) ULMO,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (98.5/1.5)

n-Heptane/1,2-Dimethoxyethane

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

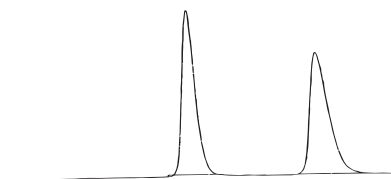
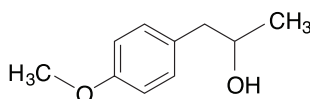
Run Time: 17.5 min

k': 5.33

α : 1.28

Reference: 55

Catalog #: 1-787100-300



2-Methyl-1-Indanone

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (99/1)

Hexane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

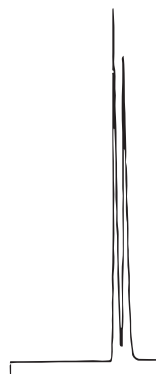
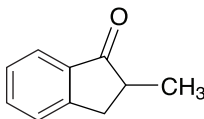
Run Time: 15 min

k': 4.00

α : 1.12

Catalog #: 1-780101-300,

1-780201-300



3-Methyl-1-Indanone

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (99/1)
Hexane/IPA

Flow Rate: 1.0 mL/min

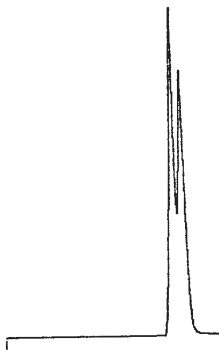
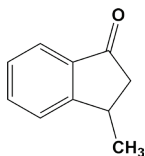
Detection: UV 254 nm

k': 6.11

α : 1.18

Run Time: 20 min

Catalog #: 1-780101-300,
1-780201-300



Methyl 3-phenyl-3-azido-2-hydroxypropanoate

Erythro-diastereomer

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (97/3)
Heptane/Glyme

Flow Rate: 1.0 mL/min

Detection: UV 215 nm

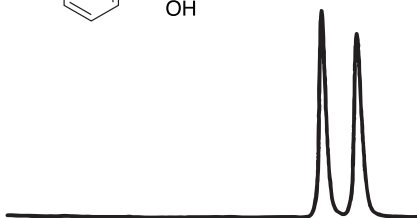
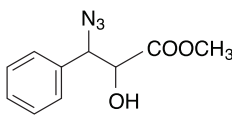
Run Time: 10.5 min

k': 2.34

α : 1.16

Reference: 43

Catalog #: 1-787100-300



1-(*m*-Methylphenyl) Ethanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (98.5/1.5)
n-Heptane/1,2-Dimethoxyethane

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

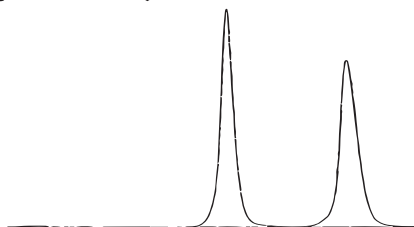
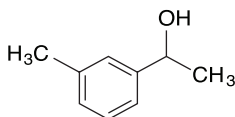
Run Time: 10.5 min

k': 1.94

α : 1.26

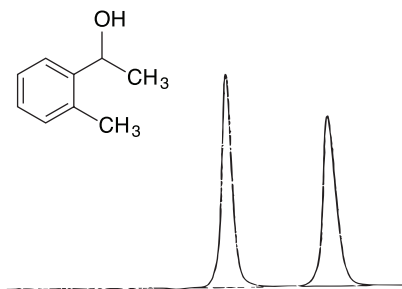
Reference: 55

Catalog #: 1-787100-300



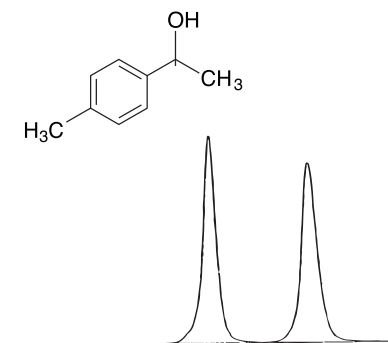
1-(o-Methylphenyl) Ethanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98.5/1.5)
n-Heptane/1,2-Dimethoxyethane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 10.5 min
k': 1.88
 α : 1.29
Reference: 55
Catalog #: 1-787100-300



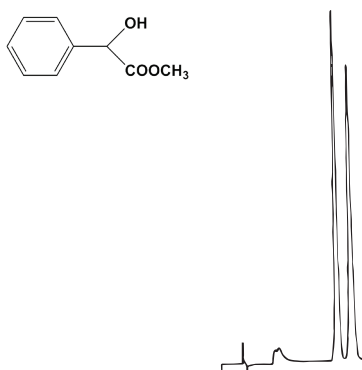
1-(p-Methylphenyl) Ethanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98.5/1.5)
n-Heptane/1,2-Dimethoxyethane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 10.5 min
k': 2.06
 α : 1.21
Reference: 55
Catalog #: 1-787100-300



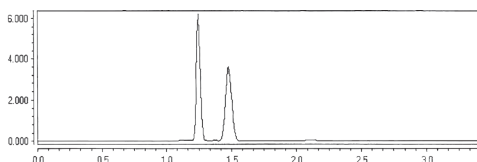
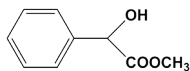
Methyl Mandelate

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (73/27)
 $\text{H}_2\text{O}/\text{CH}_3\text{CN} + 0.1\% \text{HOAc}$
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 20 min
k': 5.27
 α : 1.15
Catalog #: 1-780101-300,
1-780201-300



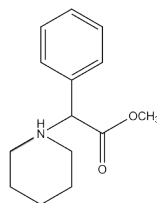
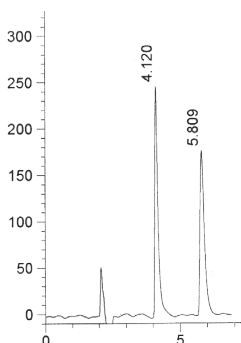
Methyl Mandelate

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
 CO_2 /Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 220 nm
 k' : 0.66
 α : 1.47
Catalog #: 1-784104-300



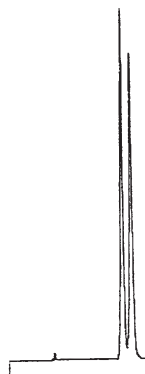
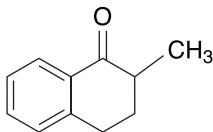
Methylphenidate

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
 k' : 1.17
 α : 1.76
Catalog #: 1-783104-300



2-Methyl-1-Tetralone

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (99/1)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 12 min
 k' : 2.76
 α : 1.11
Catalog #: 1-780101-300,
1-780201-300



Metolachlor

Herbicide

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm

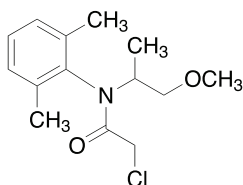
Mobile Phase: (98/2)
Hexane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 25 min

Catalog #: 1-780101-300,
1-780201-300



Metolazone

Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: 100%
Ethanol

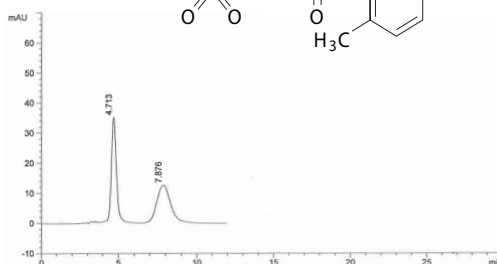
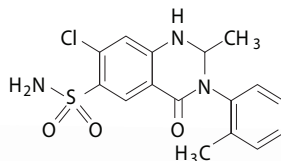
Flow Rate: 1.0 mL/min

Detection: UV 254 nm

k': 1.44

α : 2.14

Catalog #: 1-780101-300



Metolazone

Column: (R,R) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (55/45)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

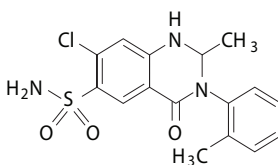
Detection: UV 254 nm

Run Time: 10.0 min

k': 1.93

α : 2.43

Catalog #: 1-780201-300



Metolazone

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (55/45)

CO₂/CH₃OH

Flow Rate: 4.0 mL/min

Temperature: 40 °C

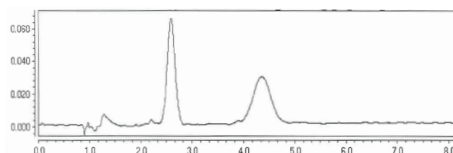
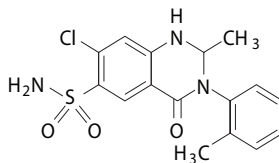
Pressure: 125 bar

Detection: UV 254 nm

k': 2.47

α : 1.95

Catalog #: 1-780101-300



Metoprolol

Column: α -Burke 2,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/10/5)

CH₂Cl₂/EtOH/MeOH

10 mM NH₄OAc

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 13 min

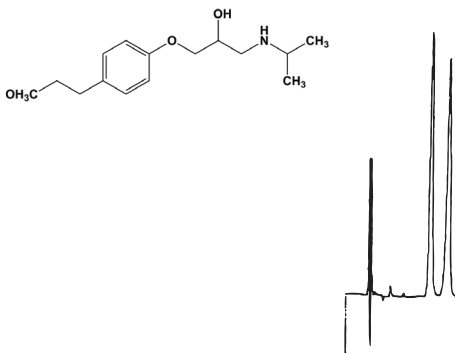
k': 2.66

α : 1.28

Reference: 30

Catalog #: 1-735035-300,

1-735037-300



Metoprolol

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: 100%

Methanol + 0.1% DEA

Flow Rate: 1.0 mL/min

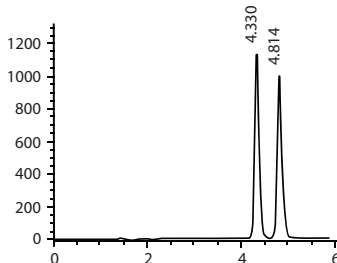
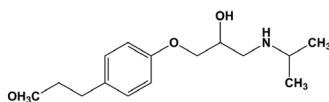
Detection: UV 220 nm

k': 0.49

α : 1.34

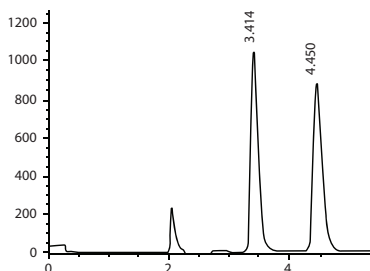
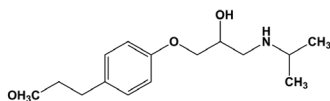
CAS #: 37350-58-6

Catalog #: 1-783104-300



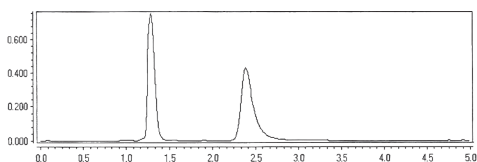
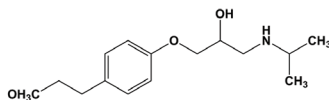
Metoprolol

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 0.80
 α : 1.68
CAS #: 37350-58-6
Catalog #: 1-784104-300



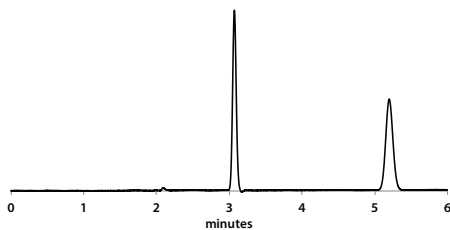
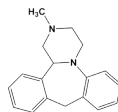
Metoprolol

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
 CO_2 /Ethanol + 0.5% TEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 280 nm
k': 0.73
 α : 3.00
Catalog #: 1-784104-300



Mianserin

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5/0.1)
Hexane/Ethanol/DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 0.53
 α : 2.99
CAS#: 24219-97-4
Catalog #: 1-580204-300



Mianserin

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

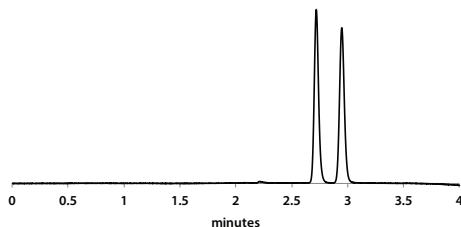
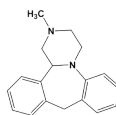
Detection: UV 254 nm

k': 0.36

α : 1.32

CAS#: 24219-97-4

Catalog #: 1-591204-300



Mianserin

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

$\text{CO}_2/\text{CH}_3\text{OH}$ + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 125 bar

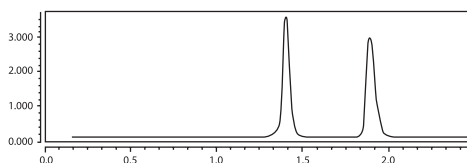
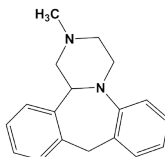
Detection: UV 220 nm

k': 0.86

α : 1.75

CAS #: 24219-97-4

Catalog #: 1-783104-300



Midodrine

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol + 0.1% DEA

Flow Rate: 1.5 mL/min

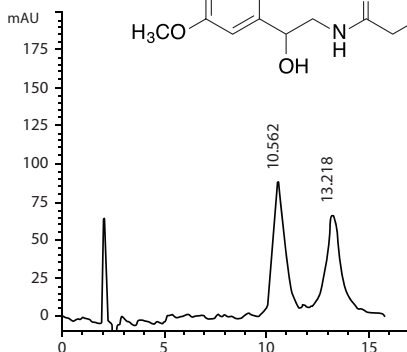
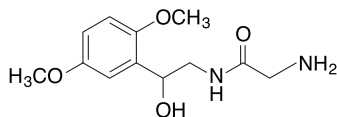
Detection: UV 220 nm

k': 4.57

α : 1.30

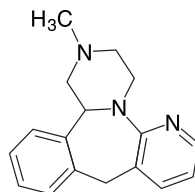
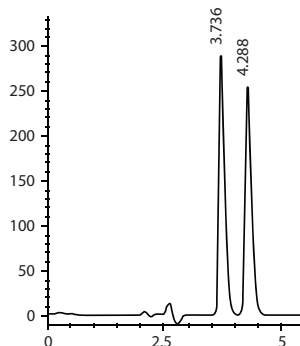
CAS #: 42794-76-3

Catalog #: 1-783104-300



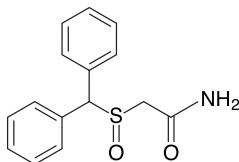
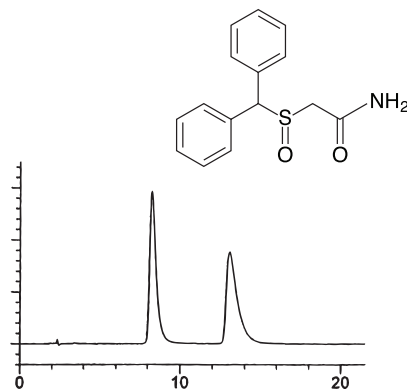
Mirtazapine

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 0.94
 α : 1.30
CAS #: 85650-52-8
Catalog #: 1-784104-300



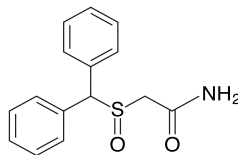
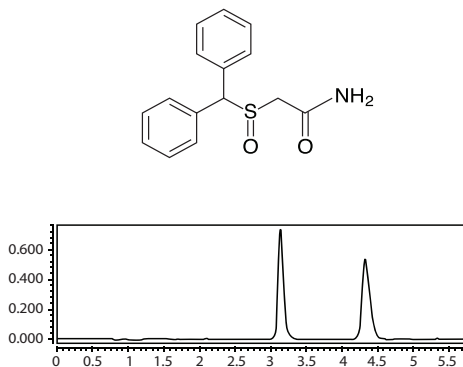
Modafinil

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (65/35)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 3.57
 α : 1.75
Catalog #: 1-786615-300



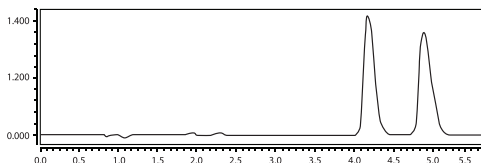
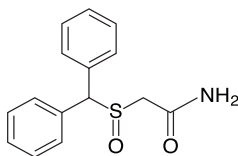
Modafinil

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
 $\text{CO}_2/\text{CH}_3\text{OH}$
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 3.18
 α : 1.50
Catalog #: 1-780101-300



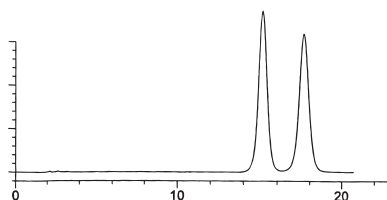
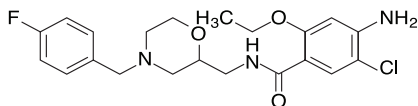
Modafinil

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
 CO_2 /Ethanol
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Flow Rate: 4.0 mL/min
Detection: UV 254 nm
 k' : 4.72
 α : 1.21
Catalog #: 1-783104-300



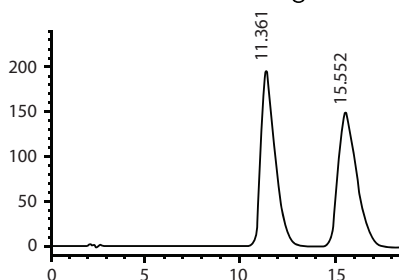
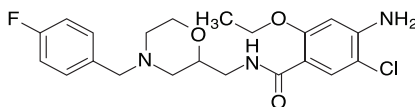
Mosapride

Column: (R,R) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (66/28/6)
Hexane/ CH_2Cl_2 /Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
 k' : 7.37
 α : 1.19
Catalog #: 1-786515-300



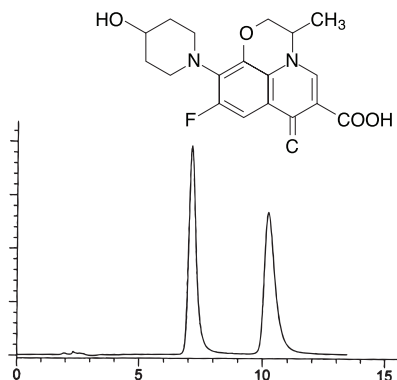
Mosapride

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
 k' : 4.88
 α : 1.45
CAS #: 112885-41-3
Catalog #: 1-784104-300



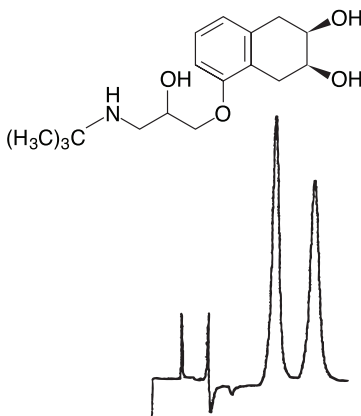
Nadifloxacin

Column: (S,S)-Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (45/45/10)
 CH_2Cl_2 /Hexane/IPA
+ 10 mM Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k'₁: 2.95
 α : 1.58
Catalog #: 1-786615-300



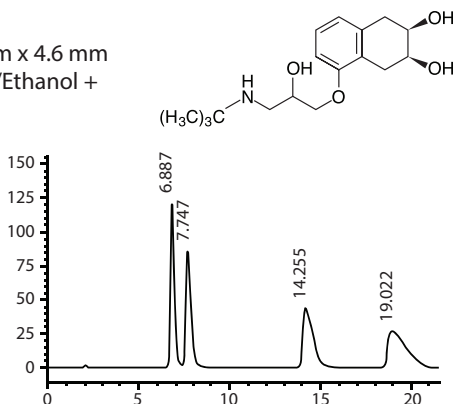
Nadolol

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (78/22)
Hexane/Ethanol
+ 0.01 M Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 270 nm
Run Time: 9.5 min
k'₁: 3.05
 α : 1.43
Catalog #: 1-786615-300



Nadolol

Column: RegisPack, 5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15) Hexane/Ethanol +
0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 270 nm
k'₁: 2.62
k'₂: 3.08
 α : 1.17
k'₃: 6.50
k'₄: 9.01
 α ₂: 1.39
CAS #: 44200-33-9
Catalog #: 1-783104-300



DL-Nal

Column: ChiroSil ME RCA(+),

5 μm , 15 cm x 4.6 mm

Mobile Phase: (50/50)

5mM HClO_4 Acid/MeOH

Flow Rate: 0.5 mL/min

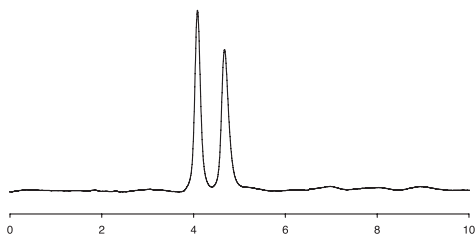
Detection: UV 210 nm

Temperature: 10 $^\circ\text{C}$

k': 0.08

α : 2.99

Catalog #: 1-788001-300



α -Naphthyl Methyl Carbinol

Column: (R,R) ULMO,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (99/1)

Hexane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

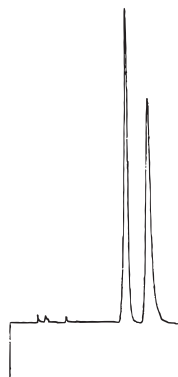
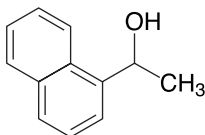
Run Time: 14.5 min

k': 3.49

α : 1.25

Reference: 46

Catalog #: 1-787200-300



1-Naphthylureaphenethylamine

Column: D-Phenyglycine,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/EtOH

Flow Rate: 1.0 mL/min

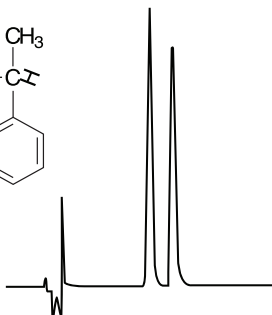
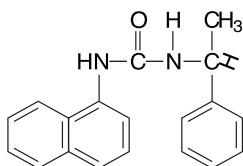
Detection: UV 254 nm

Run Time: 10 min

k': 2.37

α : 1.22

Catalog #: 1-731021-300



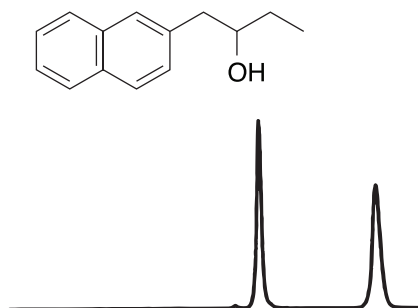
1-Naphthyl-2-butanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Heptane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 215 nm
Run Time: 6 min
k': 0.80
 α : 1.35
Reference: 43
Catalog #: 1-787100-300



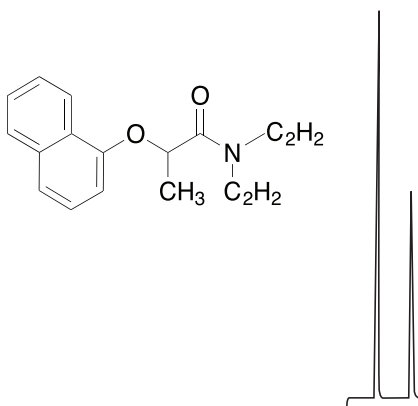
2-Naphthyl-2-butanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Heptane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 215 nm
Run Time: 8 min
k': 1.00
 α : 1.93
Reference: 43
Catalog #: 1-787100-300



Napropamide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (50/50)
Hexane/Isopropanol
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 15.0 min
k': 3.17
 α : 3.00
Catalog #: 1-780101-300,
1-780201-300



Napropamide

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)

$\text{CO}_2/\text{CH}_3\text{OH}$

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

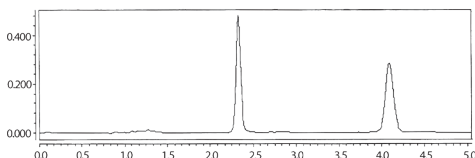
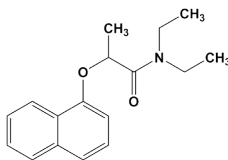
Pressure: 125 bar

Detection: UV 254 nm

k' : 2.10

α : 2.12

Catalog #: 1-780101-300



Napropamide

Column: Reflect I-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) $\text{CO}_2/$

Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

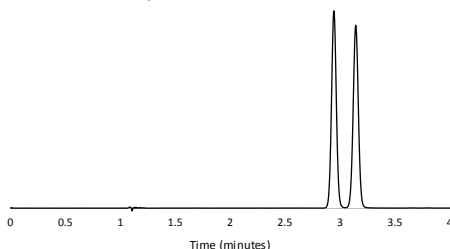
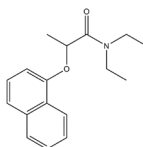
Detection: UV 210 nm

k' : 3.35

α : 1.57

CAS #: 15299-99-7

Catalog #: 1-592204-300



Napropamide

Column: Reflect I-Cellulose C,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2/IPA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

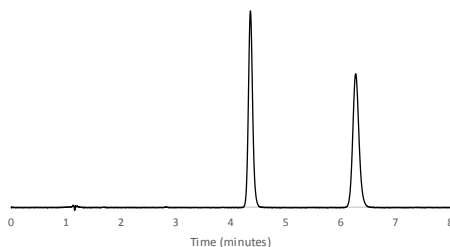
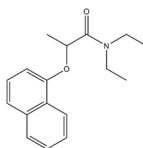
Detection: UV 210 nm

k' : 1.94

α : 1.12

CAS #: 15299-99-7

Catalog #: 1-593204-300



Napropamide

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

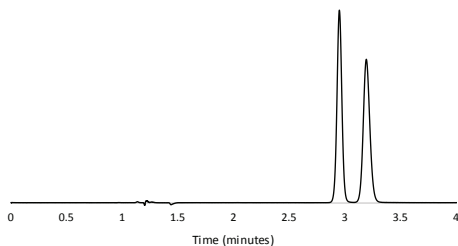
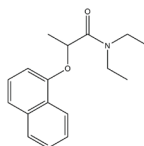
Detection: UV 210 nm

k': 1.94

α : 1.10

CAS #: 15299-99-7

Catalog #: 1-590204-300



Naproxen

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (50/50)
Hexane/Ethanol

+ 0.1% Acetic Acid

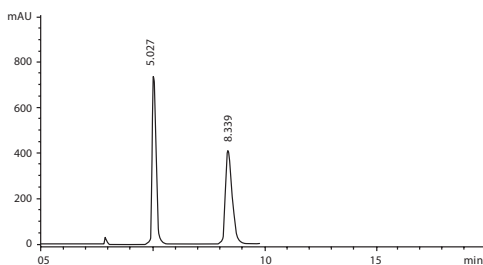
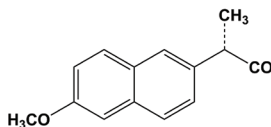
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 1.60

α : 2.07

Catalog #: 1-780101-300



Naproxen

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/IPA + 0.1% Acetic Acid

Flow Rate: 1.0 mL/min

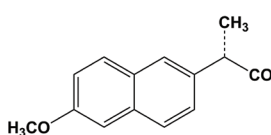
Detection: UV 254 nm

Run Time: 10.5 min

k': 1.40

α : 2.03

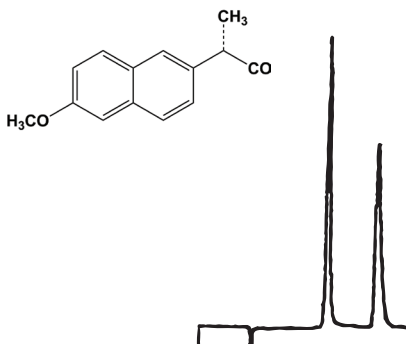
Catalog #: 1-780201-300



Naproxen

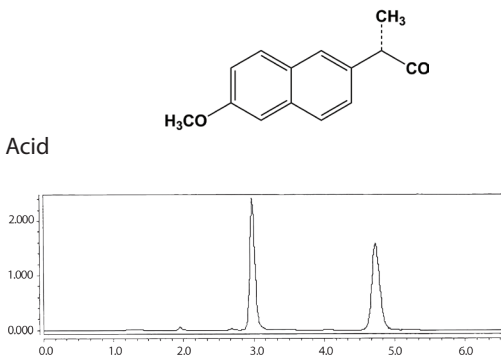
Reversed Phase

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
CH₃OH/H₂O + 0.1% Acetic Acid
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 10.0 min
k': 1.63
 α : 1.64
Catalog #: 1-780201-300



Naproxen

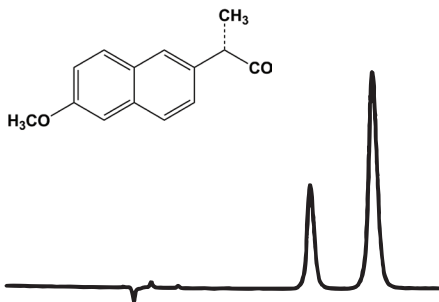
Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
CO₂/Ethanol + 0.5% Acetic Acid
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 2.97
 α : 1.79
Catalog #: 1-780101-300



Naproxen

R:S=30:70

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Heptane/IPA + 0.1% TFA
Flow Rate: 1.0 mL/min
Detection: UV 230 nm
Run Time: 8.5 min
k': 1.54
 α : 1.34
Catalog #: 1-787100-300



Naproxen

Column: Reflect C-Amylose A,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

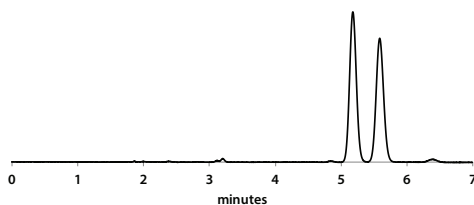
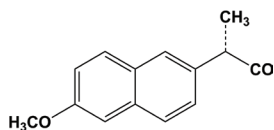
Detection: UV 254 nm

k': 1.59

α : 1.13

CAS #: 23981-80-8

Catalog #: 1-580204-300



Naproxen

Semi-prep on Analytical Column

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)
Hexane/IPA + 0.5% HOAc

Flow Rate: 1.0 mL/min

Detection: UV 300 nm

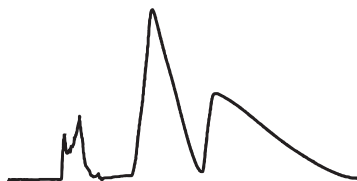
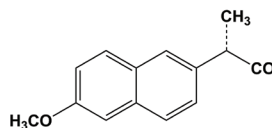
Run Time: 18 min

Reference: 6

Sample Prep: Inject 400 μ l

@ 31.5 mg/ml = 12.6 mg

Catalog #: 1-780101-300, 1-780201-300



Naproxen Diisopropyl Amide

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)
Hexane/EtOH

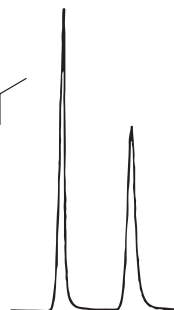
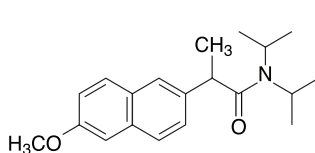
Flow Rate: 1.0 mL/min

Detection: UV 254 nm

k': 2.23

α : 1.53

Catalog #: 1-780101-300,
1-780201-300



Naproxen Methyl Amide

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA + 1 g/L NH_4OAc

Flow Rate: 2.0 mL/min

Detection: UV 254 nm

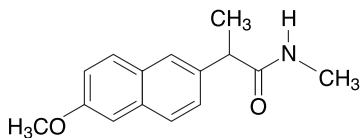
k': 18.73

α : 1.41

Reference: 14

Catalog #: 1-780101-300,

1-780201-300



No chromatogram available.

Naproxen Methyl Ester

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA + 1 g/L NH_4OAc

Flow Rate: 2.0 mL/min

Detection: UV 254 nm

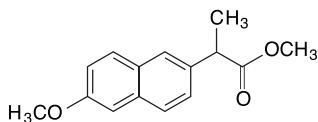
k': 3.42

α : 1.42

Reference: 14

Catalog #: 1-780101-300,

1-780201-300



No chromatogram available.

Naringenin

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

Hexane/IPA + 0.1% Acetic Acid

Flow Rate: 1.5 mL/min

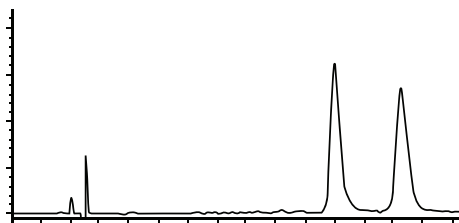
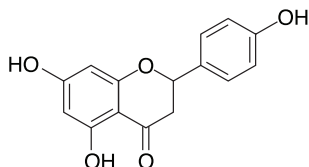
Detection: UV 220 nm

k': 2.79

α : 1.28

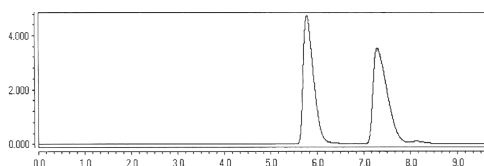
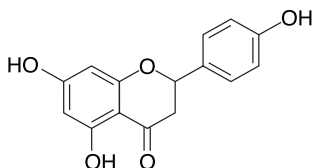
CAS #: 480-41-1

Catalog #: 1-783104-300



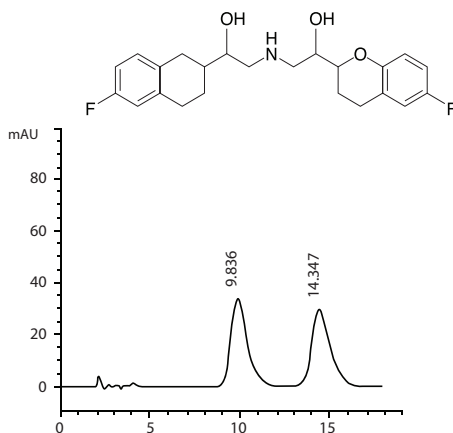
Naringenin

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
 $\text{CO}_2/\text{CH}_3\text{OH}$
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 124 bar
Detection: UV 290 nm
k': 6.71
 α : 1.30
Catalog #: 1-783104-300



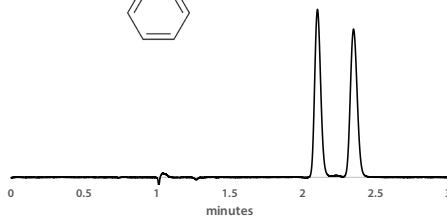
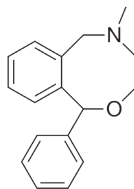
Nebivolol

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 280 nm
k': 4.18
 α : 1.57
CAS #: 99200-09-6
Catalog #: 1-783104-300



Nefopam

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20) CO_2 /
Methanol + 0.2% DEA
Flow Rate: 3.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 150 bar
Detection: UV 220 nm
k': 1.10
 α : 1.22
CAS #: 13669-70-0
Catalog #: 1-580204-300



Nefopam

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol + 0.2% DEA

Flow Rate: 3.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 150 bar

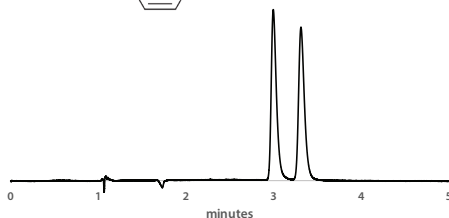
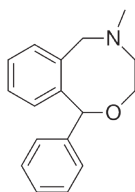
Detection: UV 220 nm

k': 1.99

α : 1.16

CAS #: 13669-70-0

Catalog #: 1-591204-300



Nefopam

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)
Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

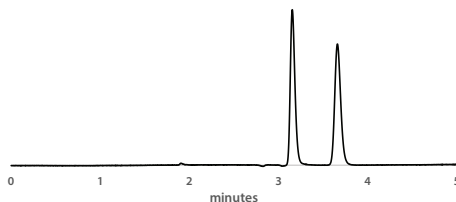
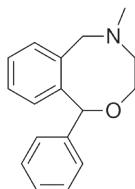
Detection: UV 254 nm

k': 0.57

α : 1.43

CAS #: 13669-70-0

Catalog #: 1-580204-300



Nefopam

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)
Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

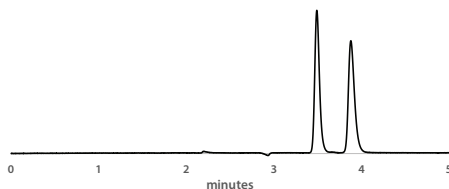
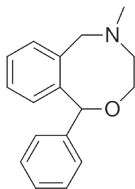
Detection: UV 254nm

k': 0.74

α : 1.26

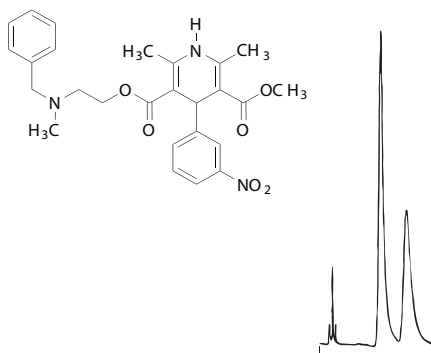
CAS #: 13669-70-0

Catalog #: 1-591204-300



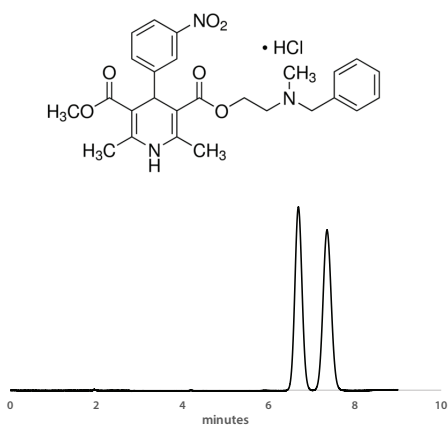
Nicardipine

Column: Whelk-O 1,
5 µm, 25 cm x 4.6 mm
Mobile Phase: (73/27)
Hexane/IPA + 0.1 % HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 30 min
k': 6.06
α: 1.52
Catalog #: 1-780101-300,
1-780201-300



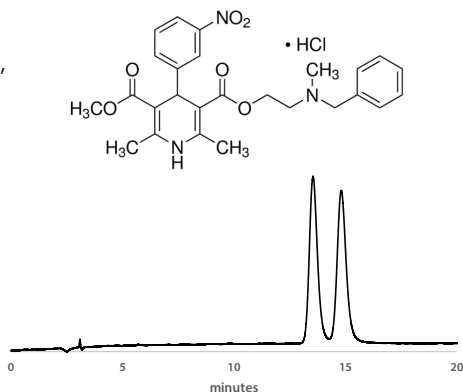
Nicardipine

Column: Reflect C-Amylose A,
5 µm, 25 cm x 4.6 mm
Mobile Phase: (90/10/0.1)
Hexane/Ethanol/DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.34
α: 1.14
CAS #: 54527-84-3
Catalog #: 1-580204-300



Nicardipine

Column: Reflect I-Cellulose C,
5 µm, 25 cm x 4.6 mm
Mobile Phase: (90/10/0.1)
Hexane/2-propanol/DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 3.40
α: 1.12
CAS #: 54527-84-3
Catalog #: 1-593204-300



Nimodipine

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35)
Methanol/H₂O

Flow Rate: 1.0 mL/min

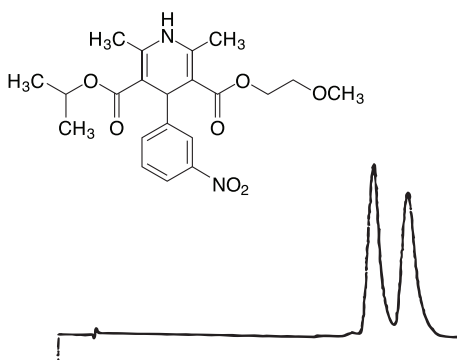
Detection: UV 254 nm

Run Time: 31 min

k': 9.25

α : 1.13

Catalog #: 1-780201-300



Nimodipine

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15/0.1)
Hexane/2-propanol/DEA

Flow Rate: 1.5 mL/min

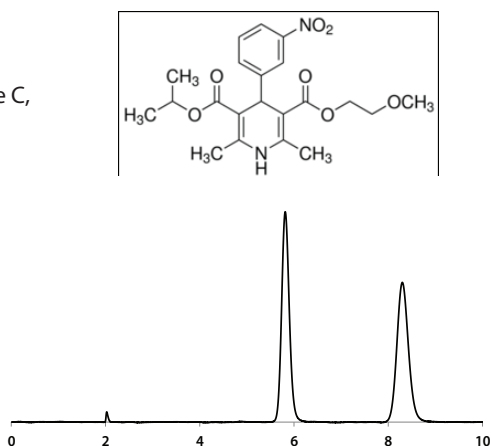
Detection: UV 254 nm

k': 1.97

α : 1.65

CAS #: 54527-84-3

Catalog #: 1-593204-300



Nirvanol

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)
Hexane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

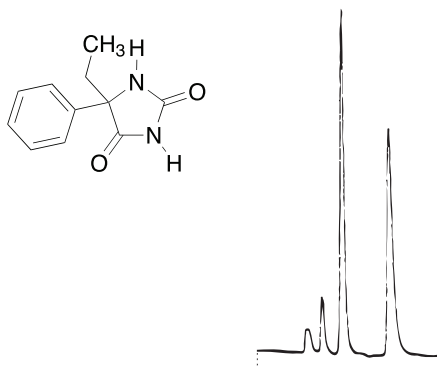
Run Time: 8 min

k': 1.50

α : 2.57

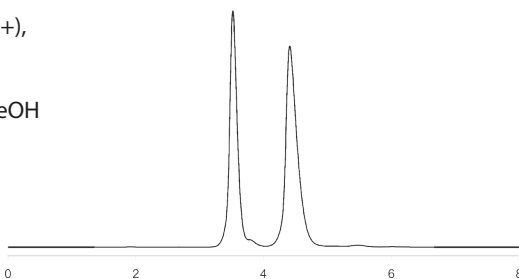
Reference: 28

Catalog #: 1-780101-300,
1-780201-300



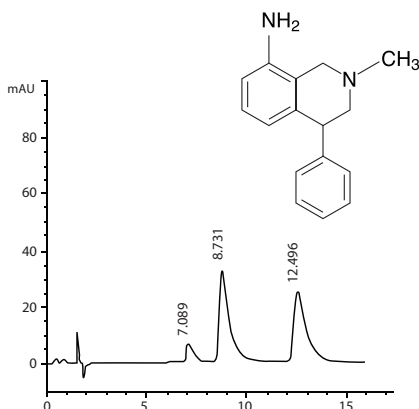
4-Nitro-Phenylalanine

Column: ChiroSil ME RCA(+),
5 μ m, 15 cm x 4.6 mm
Mobile Phase: (40/60)
0.01% Phosphoric Acid/MeOH
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Temperature: 40 °C
k': 1.91
 α : 1.51
Catalog #: 1-788001-300



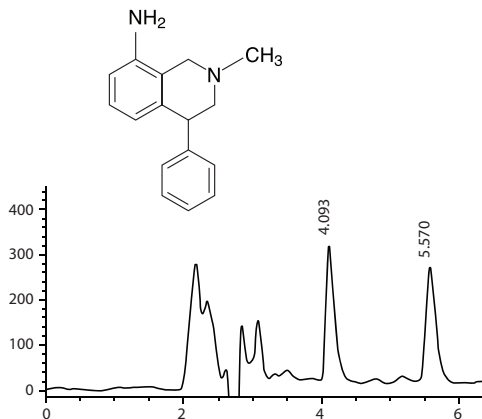
Nomifensine

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 5.24
 α : 1.51
CAS #: 24526-64-5
Catalog #: 1-780101-300,
1-780201-300



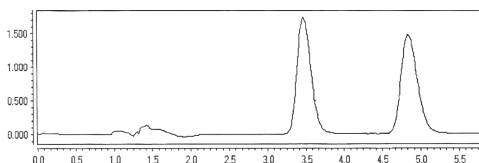
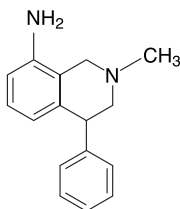
Nomifensine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 1.15
 α : 1.67
CAS #: 24526-64-5
Catalog #: 1-783104-300



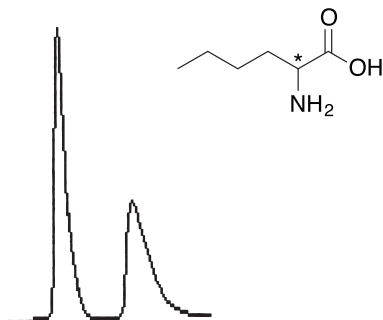
Nomifensine

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
CO₂/IPA + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 1.81
 α : 1.80
Catalog #: 1-783104-300



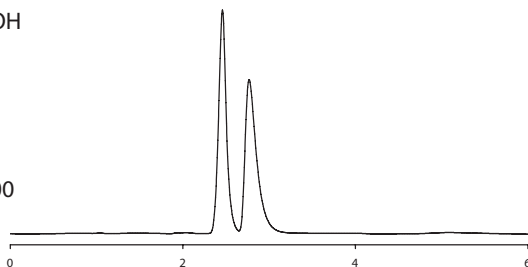
Norleucine

Column: ChiroSil,
5 μm , 15 cm x 4.6 mm
Mobile Phase: (45/55)
MeOH/H₂O in 10 mM Acetic Acid
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Run Time: 5.6 min
k': 1.28
k': 2.23
 α : 1.75
Catalog #: 1-799001-300,
1-799101-300



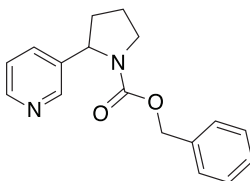
DL-Norleucine

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (30/70)
10 mM Acetic Acid/MeOH
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Temperature: 20 °C
k': 0.17
 α : 1.86
Catalog #: 1-788001-300



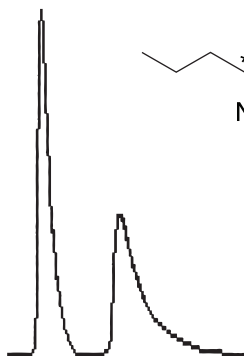
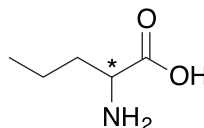
CBZ Nornicotine

Column: Whelk- O 1,
 5 μm , 25 cm x 4.6 mm
Mobile Phase: (25/75) MeOH/
 Dichloromethane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 5 min
k': 0.37
 α : 1.38
Reference: 7
Catalog #: 1-780101-300,
 1-780201-300



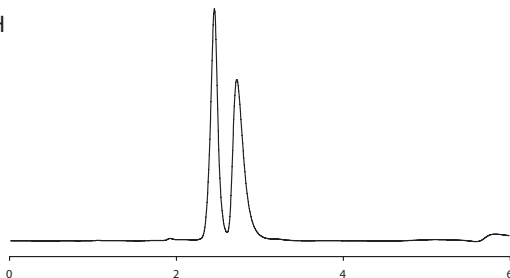
Norvaline

Column: ChiroSil,
 5 μm , 15 cm x 4.6 mm
Mobile Phase: (45/55)
 MeOH/H₂O in 10 mM Acetic Acid
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Temperature: 20 °C
Run Time: 5.3 min
k': 1.15
k': 2.05
 α : 1.79
Catalog #: 1-799001-300,
 1-799101-300



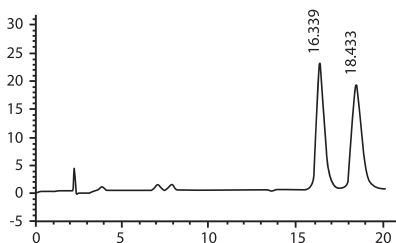
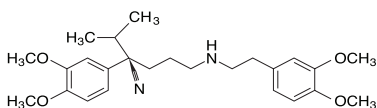
DL-Norvaline

Column: ChiroSil ME RCA(+),
 5 μm , 15 cm x 4.6 mm
Mobile Phase: (30/70)
 10 mM Acetic Acid/MeOH
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Temperature: 20 °C
k': 0.17
 α : 1.76
Catalog #: 1-788001-300



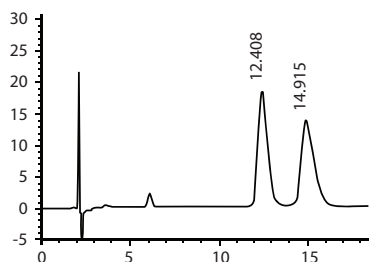
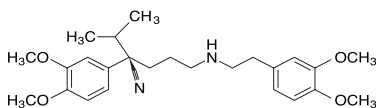
Norverapamil

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (96/4)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 290 nm
k': 7.47
 α : 1.15
CAS #: 67812-42-4
Catalog #: 1-783104-300



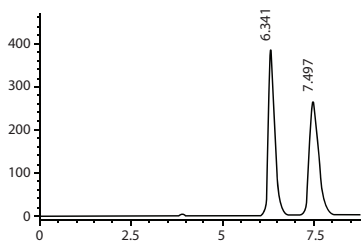
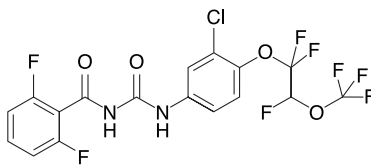
Norverapamil

Column: RegicCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 290 nm
k': 5.43
 α : 1.24
CAS #: 67812-42-4
Catalog #: 1-784104-300



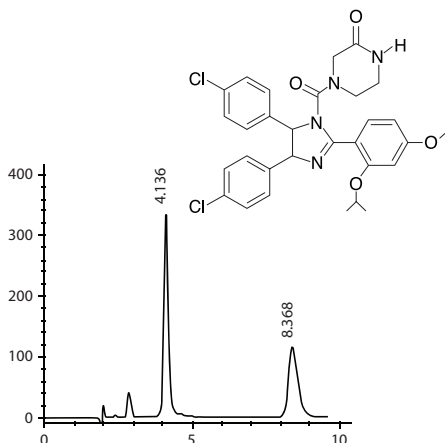
Novaluron

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (92/8)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.29
 α : 1.26
CAS #: 116714-46-6
Catalog #: 1-783104-300



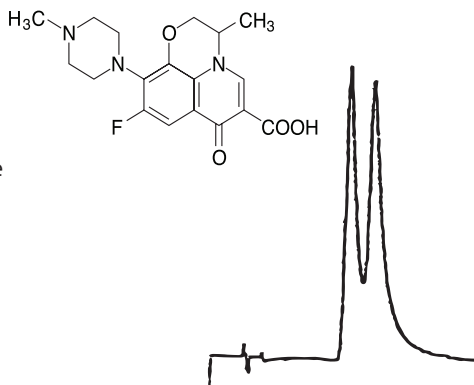
Nutlin-3

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100%
Methanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.14
 α : 2.93
CAS #: 548472-68-0
Catalog #: 1-780101-300,
1-780201-300



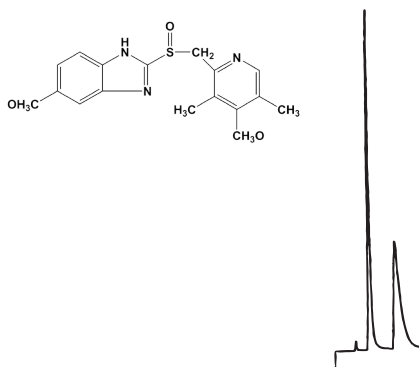
Ofloxacin

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (43/43/14)
 CH_2Cl_2 /Hexane/Ethanol
+ 0.01 M Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 10.0 min
k': 2.96
 α : 1.24
Catalog #: 1-786615-300



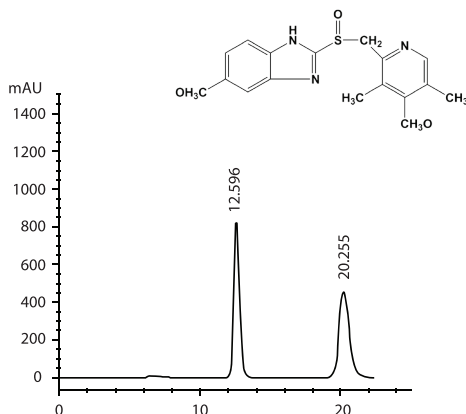
Omeprazole

Column: (S) α -Burke 2,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
 CH_2Cl_2 /CH₃OH
Flow Rate: 1.0 mL/min
Detection: UV 302 nm
Run Time: 8.0 min
k': 0.64
 α : 3.04
Catalog #: 1-735037-300



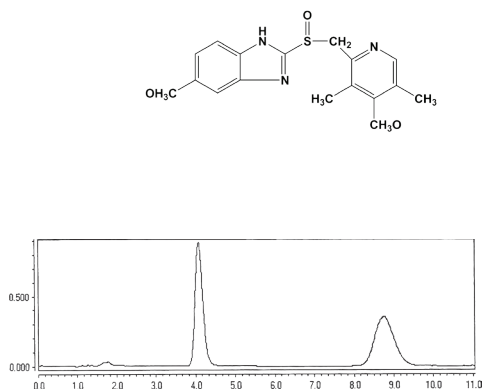
Omeprazole

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (60/40)
Hexane/Ethanol
Flow Rate: 1.0 mL/min
Detection: UV 302 nm
k': 3.34
 α : 1.79
CAS #: 73590-58-6
Catalog #: 1-783104-300



Omeprazole

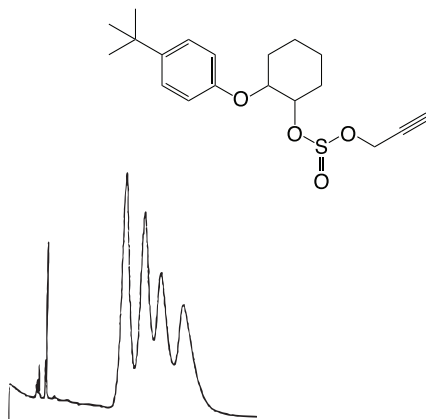
Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (55/45)
 $\text{CO}_2/\text{CH}_3\text{OH}$
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 302 nm
k': 4.43
 α : 2.41
Catalog #: 1-783104-300



Omite

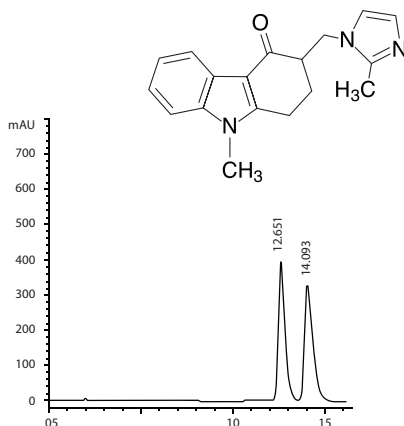
Acaricide
Mixture of isomers

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100% Hexane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 25 min
Catalog #: 1-780101-300,
1-780201-300



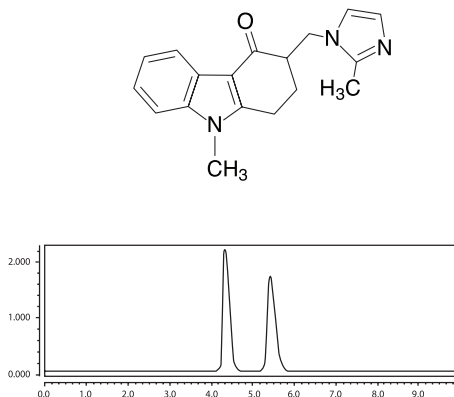
Ondansetron

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 5.66
 α : 1.13
CAS #: 99614-02-5
Catalog #: 1-783104-300



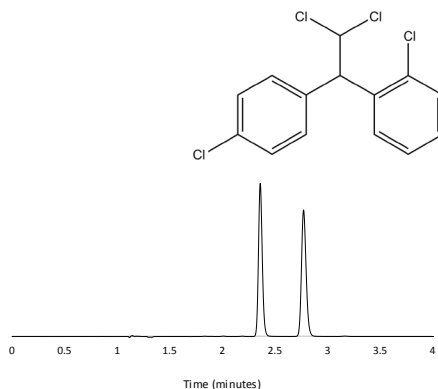
Ondansetron

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (70/30)
CO₂/CH₃OH + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 4.71
 α : 1.30
Catalog #: 1-783104-300



o,p'-DDD

Column: Reflect I-Amylose A,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20) CO₂/IPA
Flow Rate: 3.0 mL/min
Temperature: 30 °C
Pressure: 150 bar
Detection: UV 210 nm
k': 1.36
 α : 1.30
CAS #: 53-19-0
Catalog #: 1-591204-300



o,p'-DDD

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

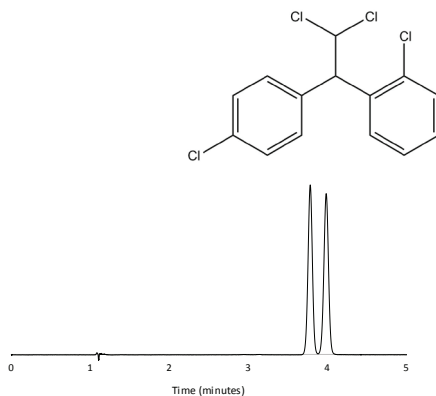
Detection: UV 210 nm

k' : 2.78

α : 1.07

CAS #: 53-19-0

Catalog #: 1-592204-300

**o,p'-DDD**

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO_2 /IPA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

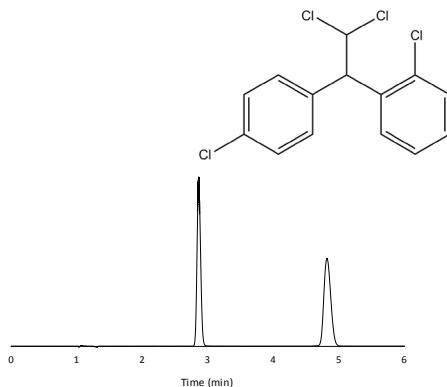
Detection: UV 210 nm

k' : 1.86

α : 2.05

CAS #: 53-19-0

Catalog #: 1-580204-300

**o,p'-DDD**

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

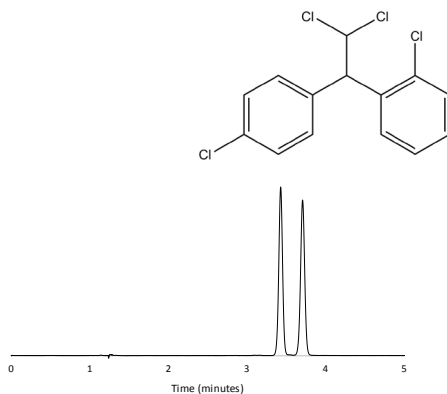
Detection: UV 210 nm

k' : 2.42

α : 1.12

CAS #: 53-19-0

Catalog #: 1-590204-300



o,p'-DDD

Column: Reflect I-Cellulose J,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20) CO₂/
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

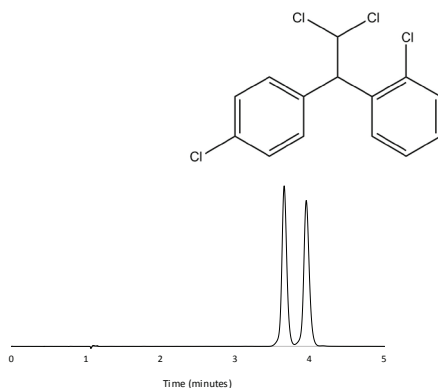
Detection: UV 210 nm

k': 2.65

α : 1.11

CAS #: 53-19-0

Catalog #: 1-594204-300



o,p'-DDT

Column: Reflect I-Amylose A,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20) CO₂/IPA

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

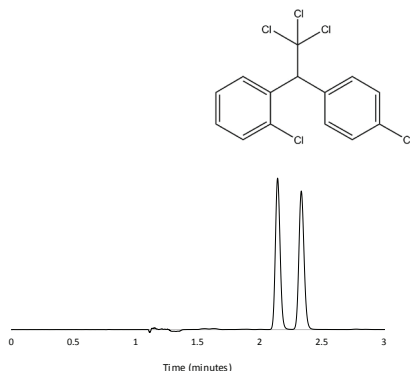
Detection: UV 210 nm

k': 1.14

α : 1.17

CAS #: 789-02-6

Catalog #: 1-591204-300



o,p'-DDT

Column: Reflect C-Amylose A,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10) CO₂/IPA

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

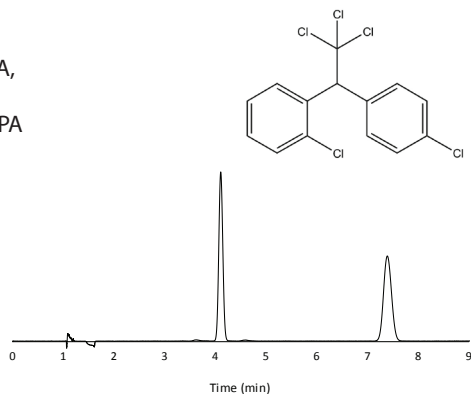
Detection: UV 210 nm

k': 3.10

α : 2.06

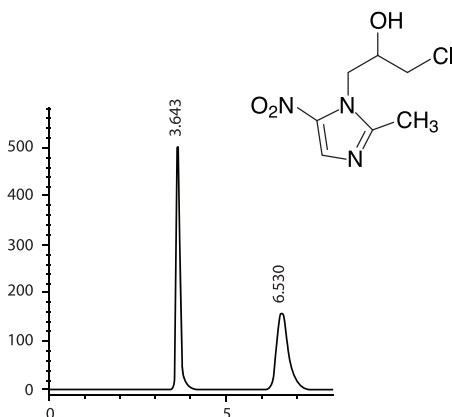
CAS #: 789-02-6

Catalog #: 1-580204-300



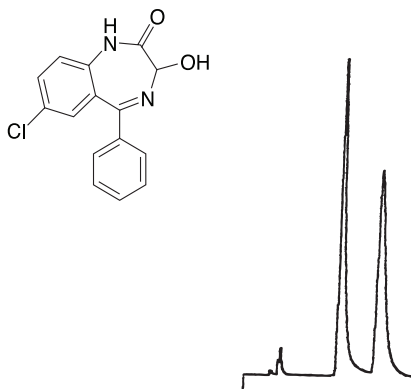
Ornidazole

Column: RegisPack CLA- 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100% Ethanol
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
k': 0.26
 α : 4.81
CAS #: 16773-42-5
Catalog #: 1-793104-300



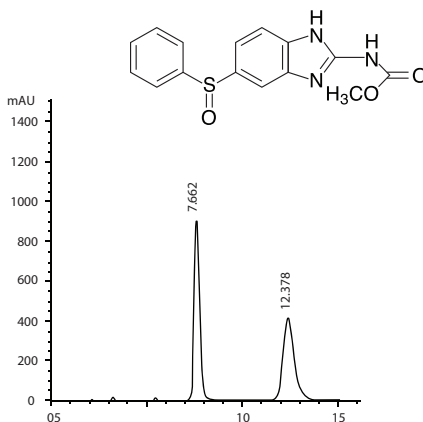
Oxazepam

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/IPA + 0.01 M
Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 9.5 min
k': 2.73
 α : 1.56
Catalog #: 1-780201-300



Oxfendazole

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100%
Ethanol
Flow Rate: 1.0 mL/min
Detection: UV 220 nm
k': 1.64
 α : 1.99
CAS #: 53716-50-0
Catalog #: 1-783104-300



Oxprenolol

Column: Reflect I-Cellulose B,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)
Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

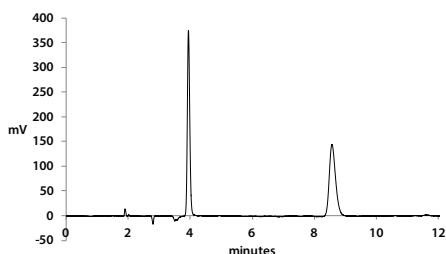
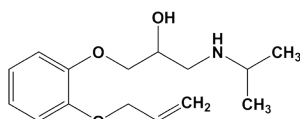
Detection: UV 230 nm

k': 1.05

α : 3.30

CAS #: 6452-71-7

Catalog #: 1-592204-300



Oxprenolol

Column: (3R,4S) Pirkle 1-J,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)
CH₂Cl₂/Ethanol + 0.015M
Ammonium Acetate

Flow Rate: 1.0 mL/min

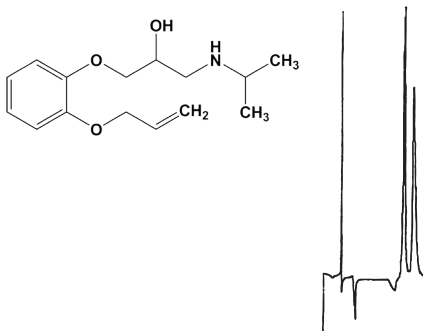
Detection: UV 254 nm

Run Time: 13.5 min

k': 3.55

α : 1.15

Catalog #: 1-731044-300



Oxybutynin

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5)
Hexane/IPA

Flow Rate: 1.5 mL/min

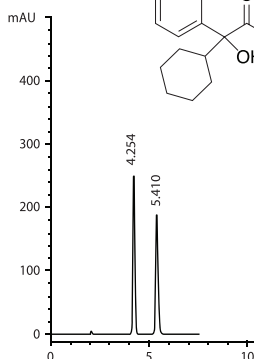
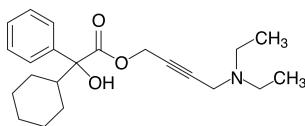
Detection: UV 220 nm

k': 1.24

α : 1.49

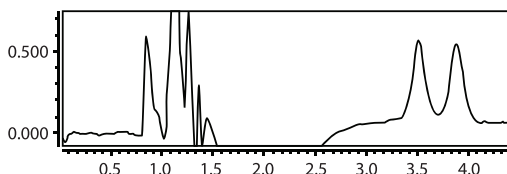
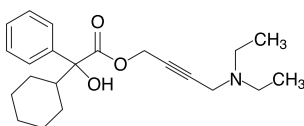
CAS #: 5633-20-5

Catalog #: 1-783104-300



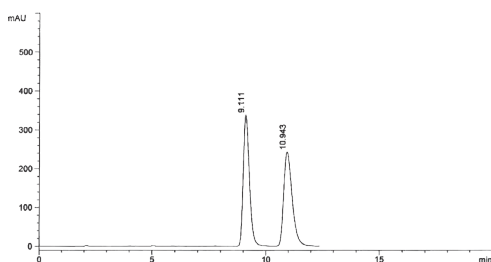
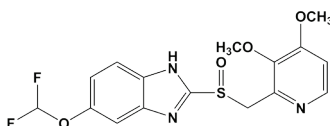
Oxybutynin

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
CO₂/IPA + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k'₁: 3.68
 α : 1.13
Catalog #: 1-783104-300



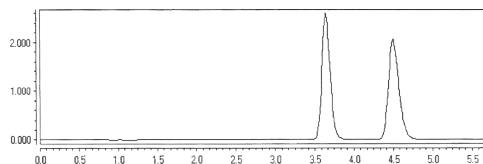
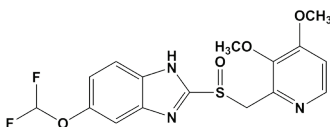
Pantoprazole

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 280 nm
k'₁: 3.8
 α : 1.25
Catalog #: 1-783104-300



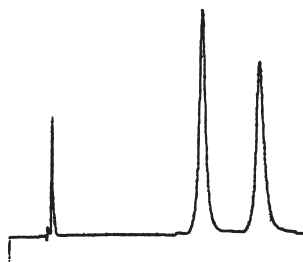
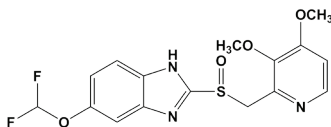
Pantoprazole

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (75/25)
CO₂/Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 280 nm
k'₁: 3.86
 α : 1.30
Catalog #: 1-783104-300



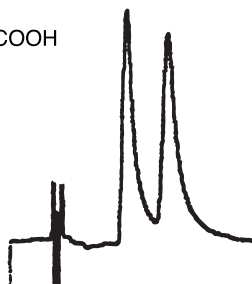
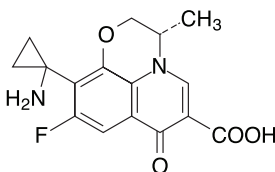
Pantoprazole

Column: (R) α -Burke 2,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (48/48/4)
 CH_2Cl_2 /Hexane/Ethanol
+ 4 mM Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 280 nm
Run Time: 12.0 min
k': 4.07
 α : 1.38
Catalog #: 1-735035-300



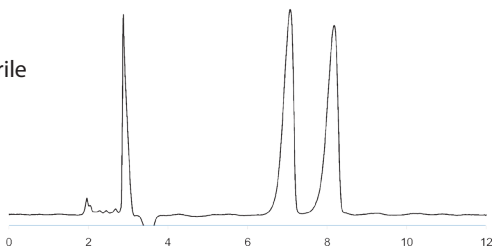
Pazufloxacin

Column: (S,S) Whelk-O 1
10 μm , 25 cm x 4.6 mm
Mobile Phase: (40/40/20)
 CH_2Cl_2 /Hexane/IPA
+ 0.15% TFA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 6.7 min
k': 1.71
 α : 1.58
Catalog #: 1-786615-300



DL-Penicillamine

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (10/90)
10 mM H_2SO_4 aq./Acetonitrile
Flow Rate: 0.8 mL/min
Detection: UV 210 nm
Temperature: 15°C
Catalog #: 1-788001-300



Permethrin

Column: (S,S) Whelk-O 1, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/IPA

Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k'₁: 1.28

k'₂: 1.35

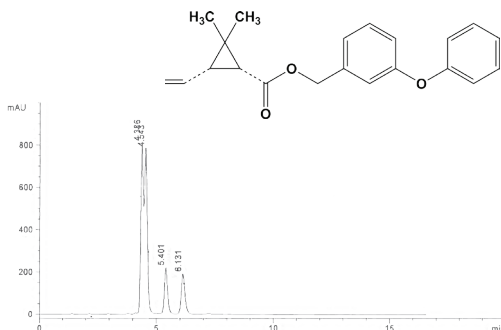
k'₃: 1.80

k'₄: 2.18

α _{1,2}: 1.06

α _{3,4}: 1.21

Catalog #: 1-780101-300



Permethrin

Insecticide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: 100%

Hexane + 0.2% IPA

Flow Rate: 1.0 mL/min

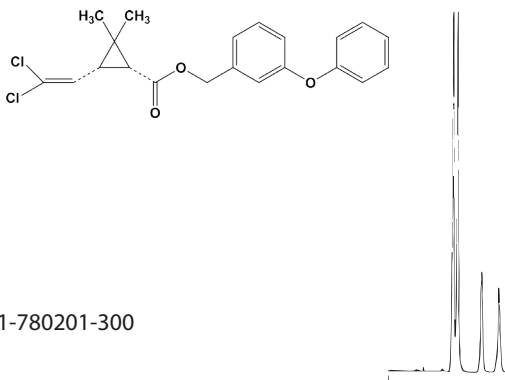
Detection: UV 254 nm

k'₁: 4.83 cis; 7.46 trans

α : 1.11 cis; 1.24 trans

Run Time: 16 min

Catalog #: 1-780101-300, 1-780201-300



CBZ-Phe

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Flow Rate: (95/5)

Hexane/IPA + 0.1 % HOAc

Flow Rate: 1.0 mL/min

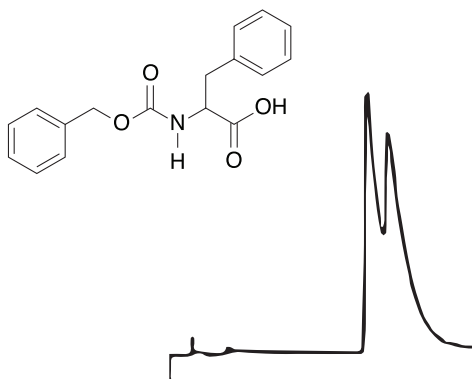
Detection: UV 254 nm

Run Time: 40 min

k'₁: 10.2

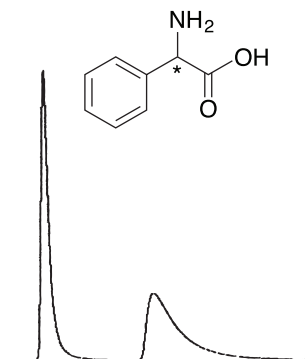
α : 1.20

Catalog #: 1-780101-300,
1-780201-300



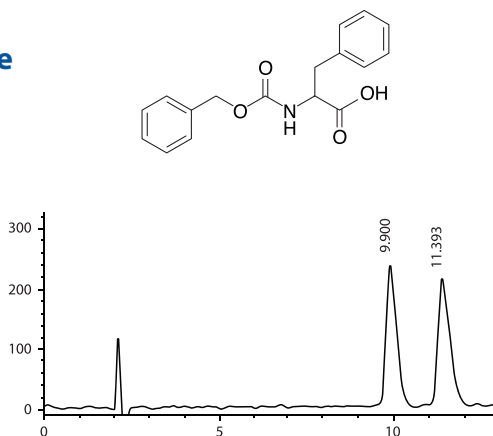
Phenylalanine

Column: ChiroSil,
5 μm , 15 cm x 4.6 mm
Mobile Phase: (70/30)
MeOH/H₂O in 10 mM Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 210 nm
Temperature: 20 °C
Run Time: 8.9 min
k': 2.66
k'': 6.84
 α : 2.57
Catalog #: 1-799001-300, 1-799101-300



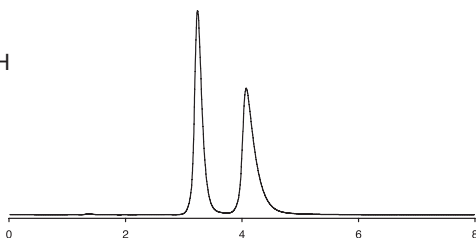
N-CBZ-Phenylalanine

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 4.21
 α : 1.19
CAS #: 3588-57-6
Catalog #: 1-783104-300



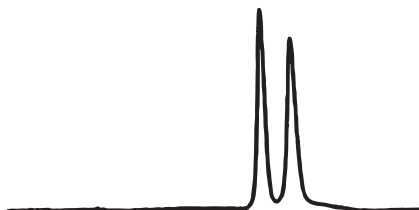
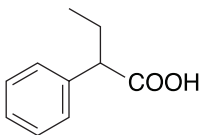
DL-Phenylalanine

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (30/70)
0.01% Phosphoric Acid/MeOH
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Temperature: 20 °C
k': 0.71
 α : 1.62
Catalog #: 1-788001-300



Phenylbutyric Acid

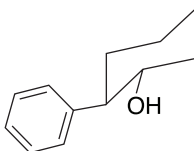
Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (99/1)
Heptane/IPA + 0.1% TFA
Flow Rate: 2.0 mL/min
Detection: UV 215 nm
Run Time: 6.5 min
k': 3.19
 α : 1.16
Reference: 43
Catalog #: 1-787100-300



Trans Phenyl Cyclohexanol

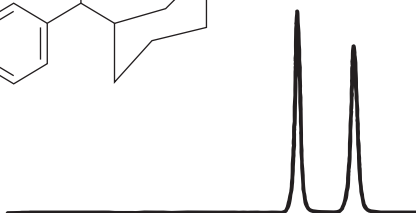
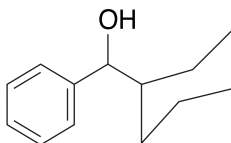
Analytical vs. Preparative Run

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (99/1)
Heptane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 270 nm
Run Time: 7.0 min
Reference: 43
Catalog #: 1-787100-300



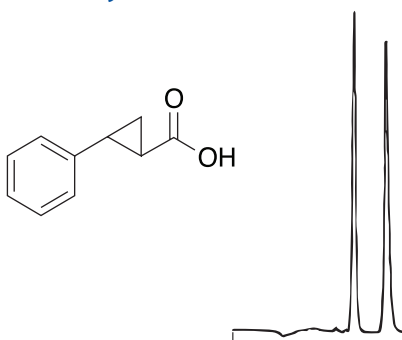
Phenyl Cyclohexyl Carbinol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (99/1)
Heptane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 215 nm
Run Time: 6.5 min
k': 0.97
 α : 1.39
Reference: 43
Catalog #: 1-787100-300



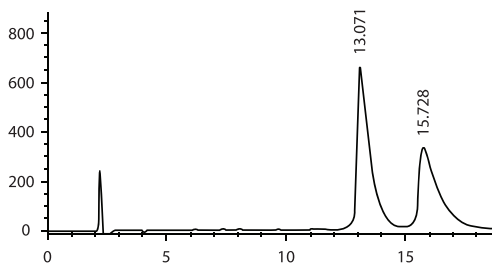
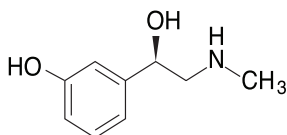
2-Phenylcyclopropane Carboxylate

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (99/1)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 220 nm
Run Time: 18 min
k': 4.19
 α : 1.34
Catalog #: 1-780101-300,
1-780201-300



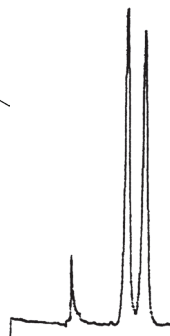
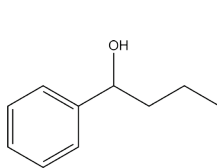
Phenylephrine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (92/8)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 5.88
 α : 1.24
CAS #: 61-76-7
Catalog #: 1-783104-300



Phenyl Ethyl Carbinol

Column: (R,R) ULMO,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (99/1)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 6.5 min
k': 1.06
 α : 1.30
Catalog #: 1-787200-300



Phenylethylene Glycol

Column: (S,S) Whelk-O 1,

10 μm , 25 cm x 4.6 mm

Mobile Phase: (99/1)

Hexane/Ethanol

Flow Rate: 2.0 mL/min

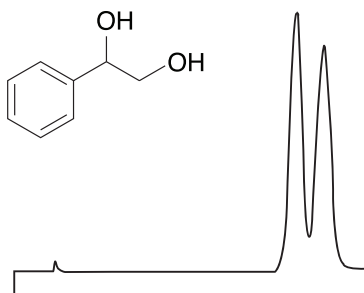
Detection: UV 254 nm

Run Time: 18.7 min

k': 11.62

α : 1.11

Catalog #: 1-786615-300



Phenylglycine

Column: ChiroSil,

5 μm , 15 cm x 4.6 mm

Mobile Phase: (70/30)

$\text{CH}_3\text{OH}/\text{H}_2\text{O}$ + 10 mM H_2SO_4

and 0.1% TEA

Flow Rate: 1.0 mL/min

Detection: UV 210 nm

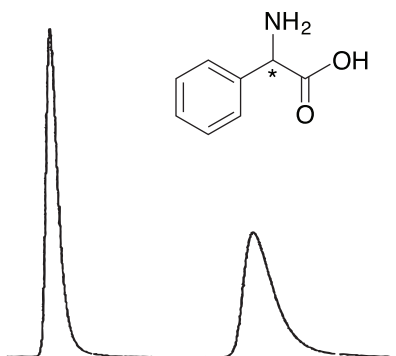
Run Time: 13.1 min

k': 3.14

α : 2.60

Catalog #: 1-799001-300,

1-799101-300



Phenyl Isopropyl Carbinol

Column: (S,S) ULMO,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (99/1)

Heptane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 215 nm

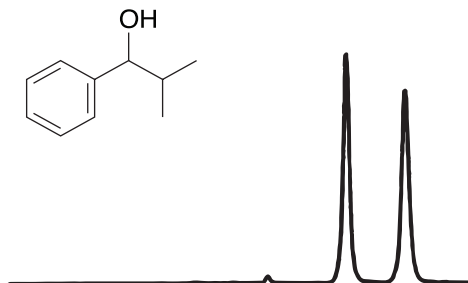
Run Time: 6 min

k': 0.86

α : 1.38

Reference: 43

Catalog #: 1-787100-300



Phenyl Methyl Carbinol

Column: (R,R) ULMO,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: 100%
Hexane

Flow Rate: 1.0 mL/min

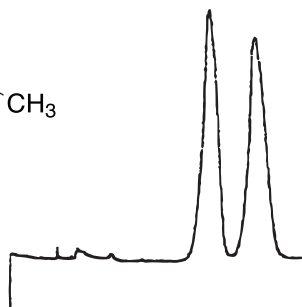
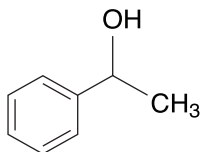
Detection: UV 254 nm

Run Time: 14 min

k': 3.11

α : 1.30

Catalog #: 1-787200-300



1-Phenylpentanol

Column: (S,S) ULMO,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (99/1)
n-Heptane/1,2-Dimethoxyethane

Flow Rate: 1.5 mL/min

Detection: UV 254 nm

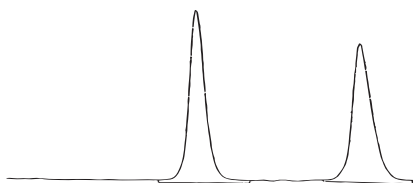
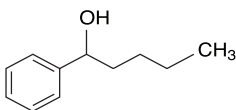
Run Time: 7.0 min

k': 1.65

α : 1.45

Reference: 55

Catalog #: 1-787100-300



1-[(4-Phenyl) phenyl] Ethanol

Column: (S,S) ULMO,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (98.5/1.5)

n-Heptane/1,2-Dimethoxyethane

Flow Rate: 2.0 mL/min

Detection: UV 254 nm

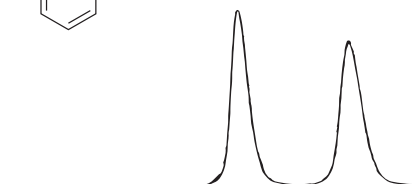
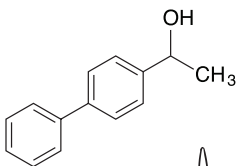
Run Time: 8.5 min

k': 3.76

α : 1.21

Reference: 55

Catalog #: 1-787100-300



Phenyl Phenylethyl Carbinol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (99/1)

Heptane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 215 nm

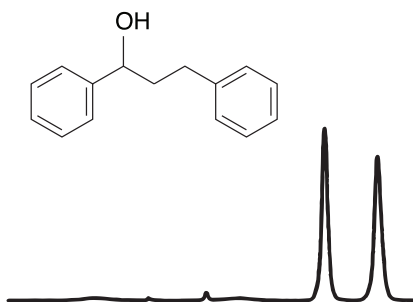
Run Time: 9.5 min

k': 1.81

α : 1.30

Reference: 43

Catalog #: 1-787100-300



1-Phenyl-2-propanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (98.5/1.5)

n-Heptane/1,2-Dimethoxyethane

Flow Rate: 1.5 mL/min

Detection: UV 254 nm

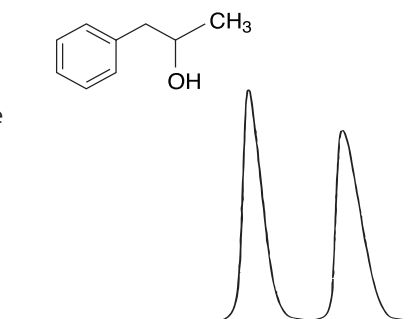
Run Time: 6.5 min

k': 1.72

α : 1.19

Reference: 55

Catalog #: 1-787100-300



Phenyl Propyl Carbinol

Column: (R,R) ULMO,
5 μm , 25 cm x 4.6 mm

Mobile Phase: 100%

Hexane

Flow Rate: 1.0 mL/min

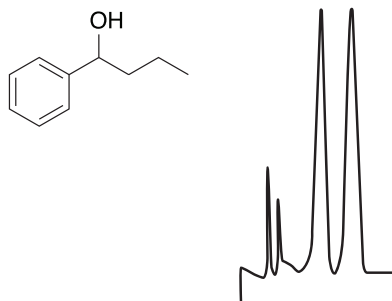
Detection: UV 254 nm

Run Time: 12 min

k': 2.25

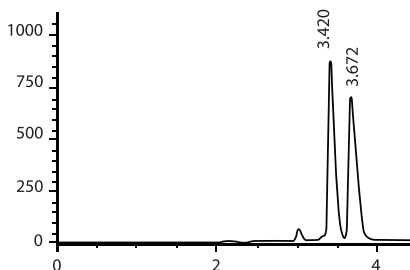
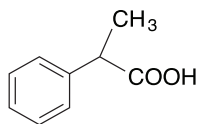
α : 1.56

Catalog #: 1-787200-300



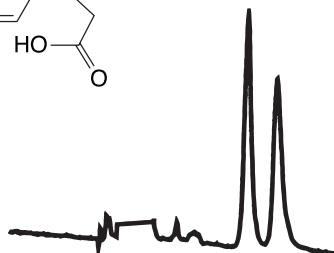
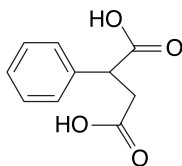
2-Phenylpropionic Acid

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (92/8)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 0.80
 α : 1.17
CAS #: 492-37-5
Catalog #: 1-783104-300



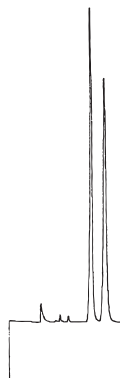
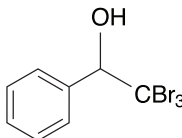
Phenylsuccinic Acid

Column: (S,S) ULMO,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 8.5 min
k': 1.71
 α : 1.22
Reference: 43
Catalog #: 1-787100-300



Phenyl Tribromomethyl Carbinol

Column: (R,R) ULMO,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (99/1)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 9 min
k': 1.87
 α : 1.25
Catalog #: 1-787200-300



Secondary Phosphine Oxide

Column: (S,S) DACH-DNB,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)

$\text{CH}_2\text{Cl}_2/\text{IPA}$

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

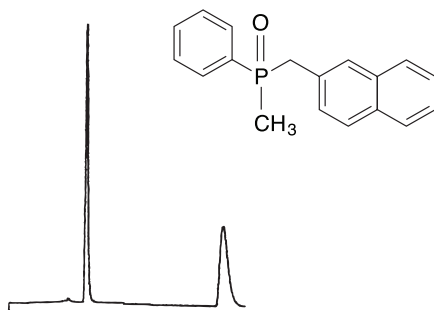
Run Time: 19.0 min

k': 1.49

α : 4.11

Reference: 54

Catalog #: 1-788201-300



Secondary Phosphine Oxide

Column: (S,S) DACH-DNB,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

$\text{CH}_2\text{Cl}_2/\text{IPA}$

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

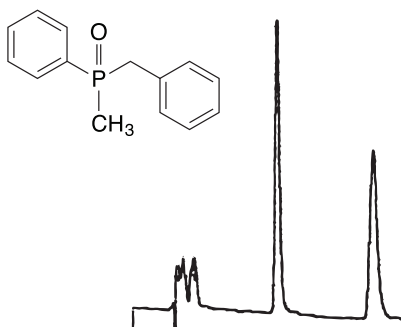
Run Time: 14.5 min

k': 2.20

α : 1.97

Reference: 54

Catalog #: 1-788201-300



Secondary Phosphine Oxide

Column: (S,S) DACH-DNB,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

$\text{CH}_2\text{Cl}_2/\text{IPA}$

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

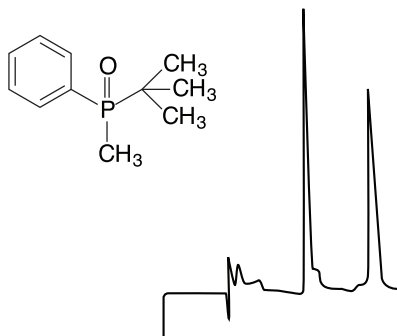
Run Time: 8.0 min

k': 1.23

α : 1.81

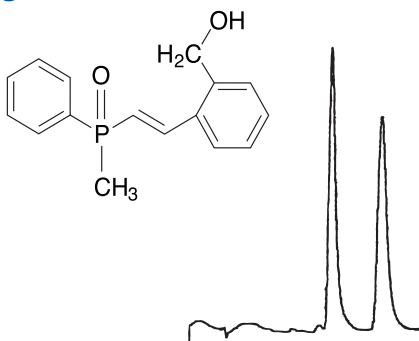
Reference: 54

Catalog #: 1-788201-300



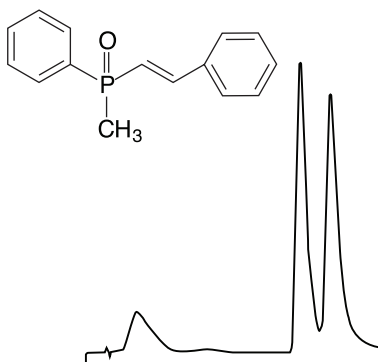
Tertiary Phosphine Oxide

Column: (R,R) DACH-DNB,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (37.5/37.5/25)
Hex/Dioxane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 14.0 min
k': 2.19
 α : 1.48
Reference: 54
Catalog #: 1-788101-300



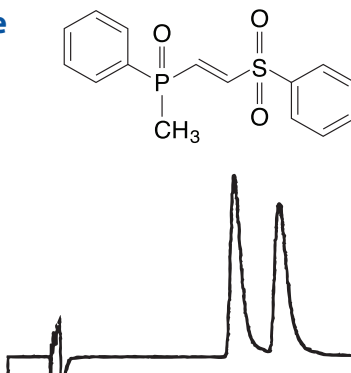
Tertiary Phosphine Oxide

Column: (R,R) DACH-DNB,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (42.5/42.5/15)
Hexane/Dioxane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 28.0 min
k': 8.11
 α : 1.17
Reference: 54
Catalog #: 1-788101-300



Tertiary Phosphine Oxide

Column: (R,R) DACH-DNB,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (40/40/20)
Hexane/Dioxane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 14.0 min
k': 4.19
 α : 1.25
Reference: 54
Catalog #: 1-788101-300



Phosphine Selenium Oxide

Column: (S,S) DACH-DNB,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/ CH_2Cl_2

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

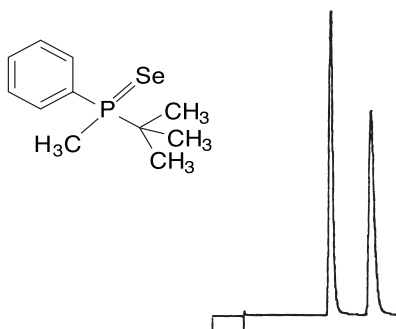
Run Time: 13.0 min

k': 2.49

α : 1.48

Reference: 54

Catalog #: 1-788201-300



Pindolol

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/Ethanol + 0.1% DEA

Flow Rate: 1.5 mL/min

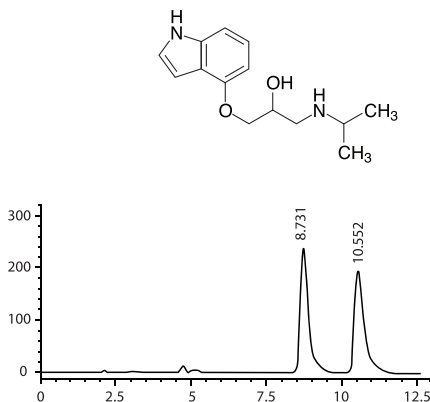
Detection: UV 254 nm

k': 3.60

α : 1.27

CAS #: 13523-86-9

Catalog #: 1-783104-300



Pindolol

Column: RegisCell,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/Ethanol + 0.1% DEA

Flow Rate: 1.5 mL/min

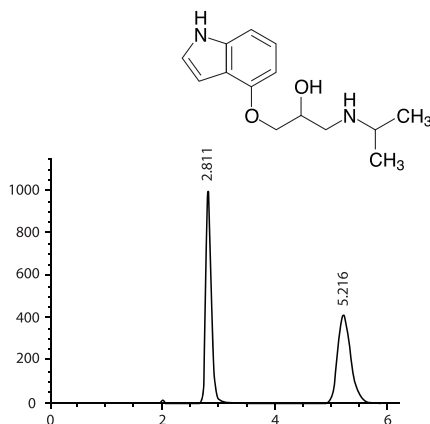
Detection: UV 254 nm

k': 0.48

α : 3.64

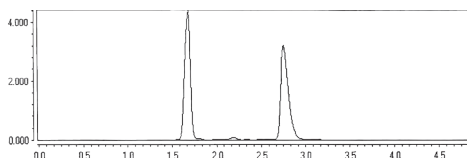
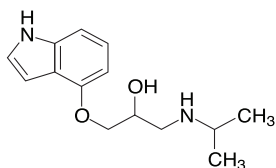
CAS #: 13523-86-9

Catalog #: 1-784104-300



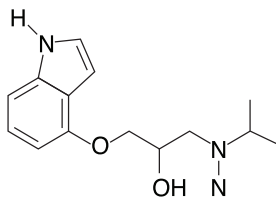
Pindolol

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (70/30)
CO₂/CH₃OH + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 1.24
 α : 2.15
Catalog #: 1-784104-300



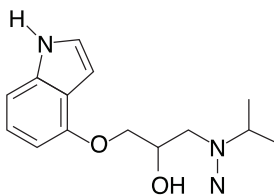
Pindolol

Column: α -Burke 2,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (85/15)
CH₂Cl₂/EtOH
+ 20mM NH₄OAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 20 min
Reference: 30
k': 4.35
 α : 1.50
Catalog #: 1-735035-300,
1-735037-300



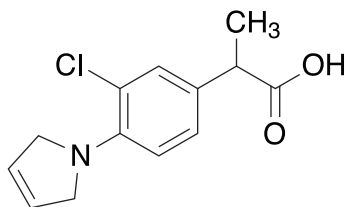
Pindolol

Column: (3R,4S) Pirkle 1-J,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
CH₂Cl₂/Ethanol + 0.04M
Ammonium Acetate
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 11.0 min
k': 1.56
 α : 2.06
Catalog #: 1-731044-300



Pirprofen

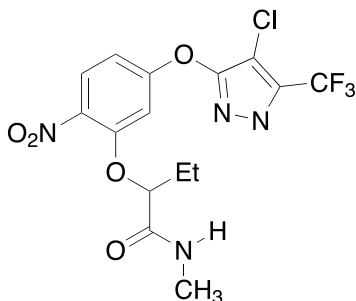
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA
+ 1g/L NH_4OAc
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 0.85
 α : 1.81
Reference: 4
Catalog #: 1-780101-300,
1-780201-300



No chromatogram available.

PPO Inhibitor

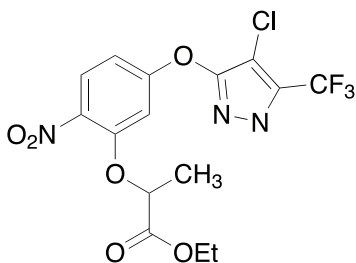
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 5.2
 α : 1.32
Reference: 21
Catalog #: 1-780101-300,
1-780201-300



No chromatogram available.

PPO Inhibitor

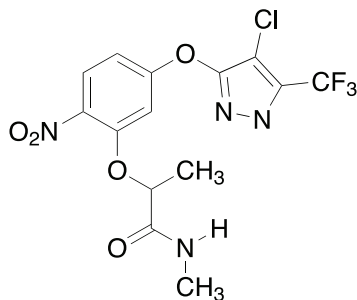
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 3.2
 α : 1.08
Reference: 21
Catalog #: 1-780101-300,
1-780201-300



No chromatogram available.

PPO Inhibitor

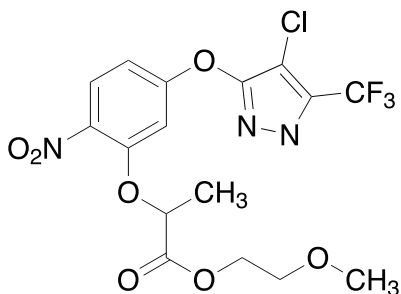
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 7.5
 α : 1.29
Reference: 21
Catalog #: 1-780101-300,
1-780201-300



No chromatogram available.

PPO Inhibitor

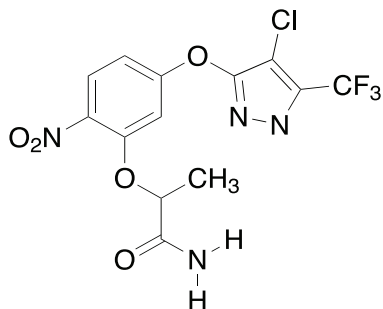
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 6.1
 α : 1.08
Reference: 21
Catalog #: 1-780101-300,
1-780201-300



No chromatogram available.

PPO Inhibitor

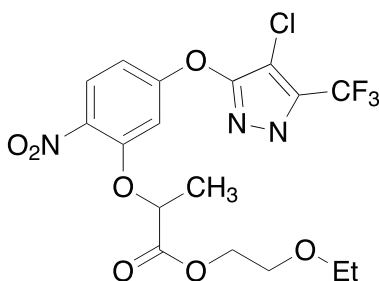
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 8.0
 α : 1.22
Reference: 21
Catalog #: 1-780101-300,
1-780201-300



No chromatogram available.

PPO Inhibitor

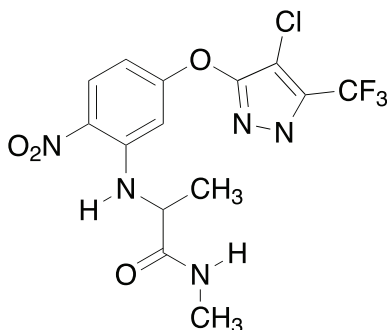
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10) Hexane/
IPA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 4.2
 α : 1.10
Reference: 21
Catalog #: 1-780101-300,
1-780201-300



No chromatogram available.

PPO Inhibitor

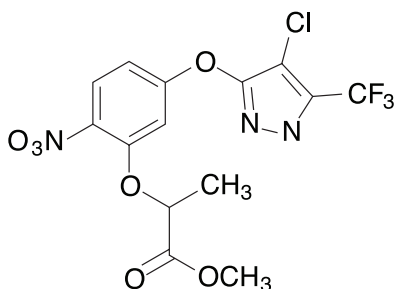
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 15.1
 α : 1.04
Reference: 21
Catalog #: 1-780101-300,
1-780201-300



No chromatogram available.

PPO Inhibitor

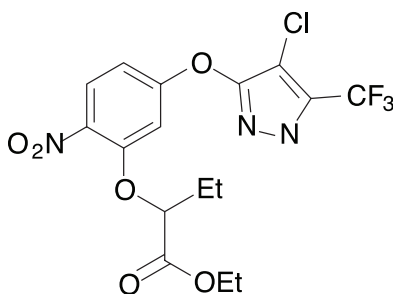
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 3.9
 α : 1.11
Reference: 21
Catalog #: 1-780101-300,
1-780201-300



No chromatogram available.

PPO Inhibitor

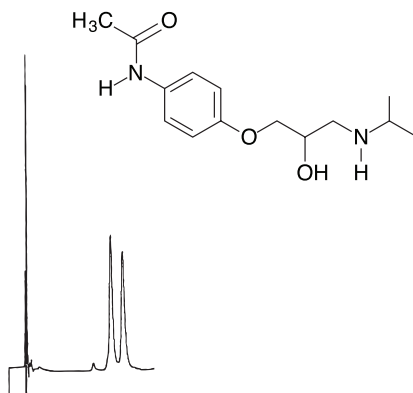
Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 2.4
 α : 1.12
Reference: 21
Catalog #: 1-780101-300,
1-780201-300



No chromatogram available.

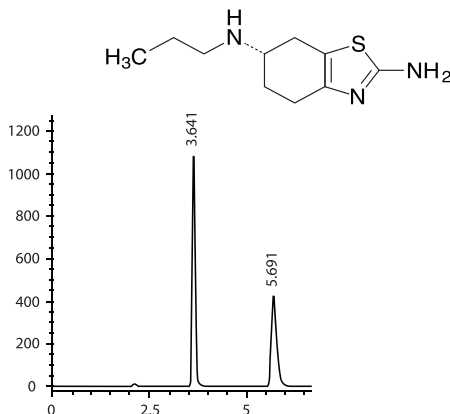
Practolol

Column: α -Burke 2,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (85/10/5)
CH₂Cl₂/EtOH/MeOH
15 mM NH₄OAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 19 min
k': 4.78
 α : 1.14
Reference: 30
Catalog #: 1-735035-300,
1-735037-300



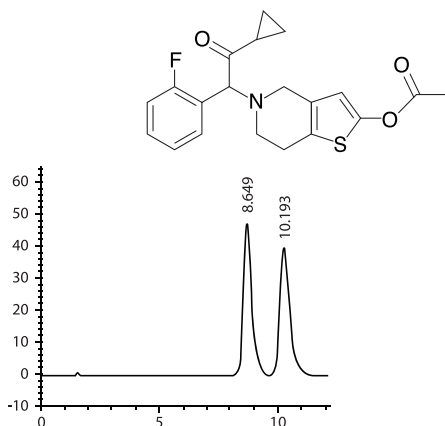
Pramipexole

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 0.89
 α : 2.19
CAS #: 104632-26-0
Catalog #: 1-783104-300



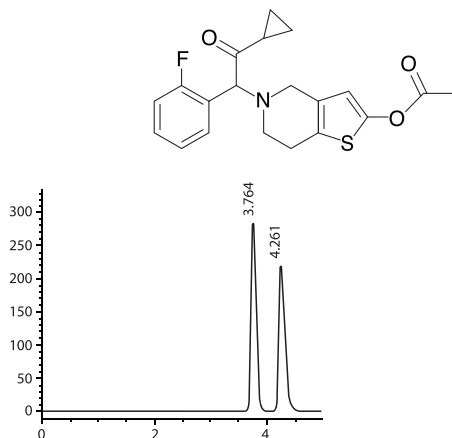
Prasugrel

Column: Whelk O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (60/40)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 4.96
 α : 1.22
CAS #: 150322-43-3
Catalog #: 1-780101-300,
1-780201-300



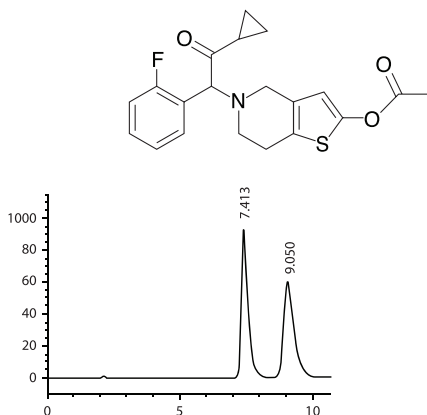
Prasugrel

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 0.95
 α : 1.27
CAS #: 150322-43-3
Catalog #: 1-783104-300



Prasugrel

Column: RegisPack CLA- 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (92/8)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.84
 α : 1.30
CAS #: 150322-43-3
Catalog #: 1-793104-300



Praziquantel

Column: (R,R) Whelk-O 1,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)
Hexane/Ethanol

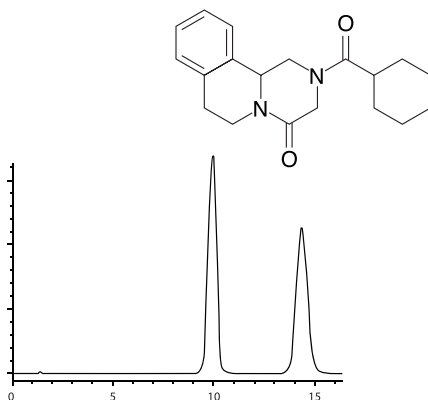
Flow Rate: 2.0 mL/min

Detection: UV 220 nm

k': 6.28

α : 1.52

Catalog #: 1-786515-300



Praziquantel

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35)
 $\text{CO}_2/\text{CH}_3\text{OH}$

Flow Rate: 4.0 mL/min

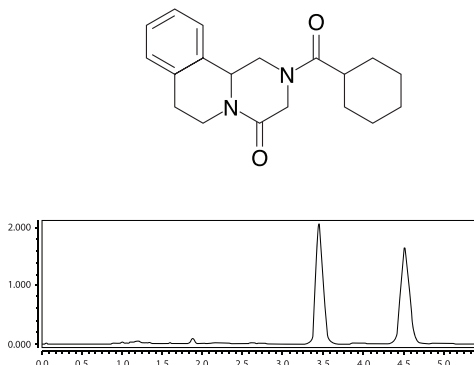
Temperature: 40 $^\circ\text{C}$

Detection: UV 220 nm

k': 3.61

α : 1.49

Catalog #: 1-780101-300



Praziquantel

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (50/50)
Hexane/IPA

Flow Rate: 1.5 mL/min

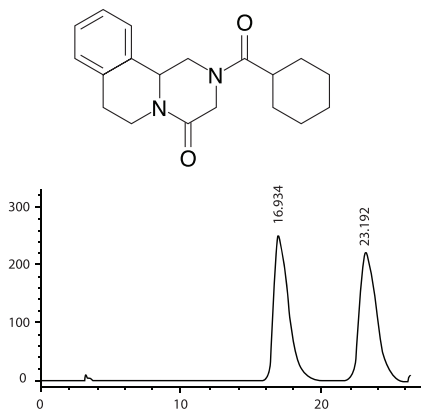
Detection: UV 220 nm

k': 1.34

α : 1.91

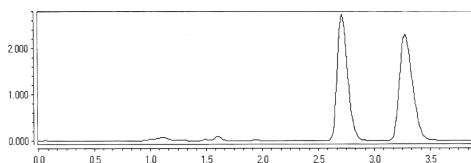
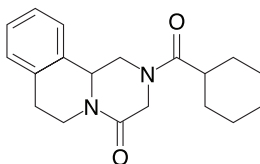
CAS #: 55268-74-1

Catalog #: 1-783104-300



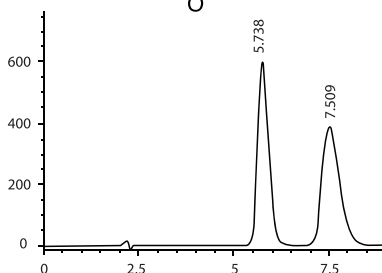
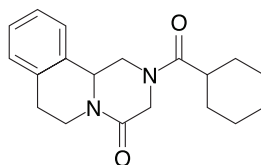
Praziquantel

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
CO₂/IPA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 124 bar
Detection: UV 220 nm
k': 2.61
 α : 1.29
Catalog #: 1-783104-300



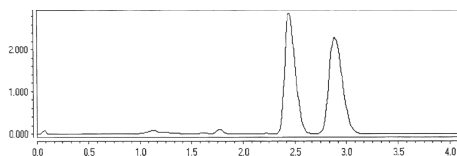
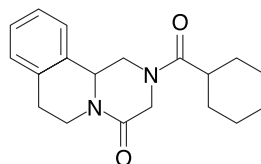
Praziquantel

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (65/35)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
Run Time:
k': 2.02
 α : 1.46
CAS #: 55268-74-1
Catalog #: 1-784104-300



Praziquantel

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
CO₂/IPA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 126 bar
Detection: UV 220 nm
k': 2.26
 α : 1.27
Catalog #: 1-784104-300



Prilocaine

Column: Reflect I-Cellulose B,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

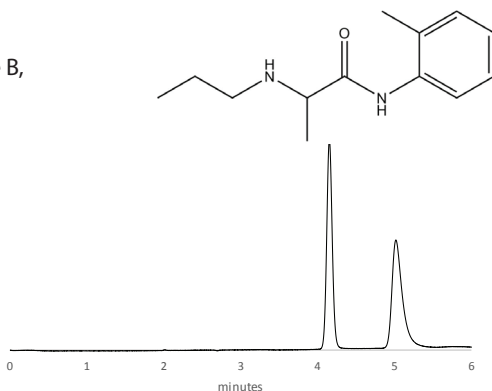
Detection: UV 254 nm

k': 1.07

α : 1.40

CAS #: 721-50-6

Catalog #: 1-592204-300



Prilocaine

Column: Reflect I-Cellulose C,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

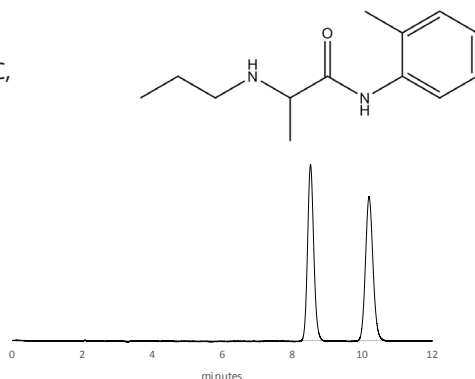
Detection: UV 254 nm

k': 3.25

α : 1.26

CAS #: 721-50-6

Catalog #: 1-593204-300



Prilocaine

Column: Reflect C-Cellulose B,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)

Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

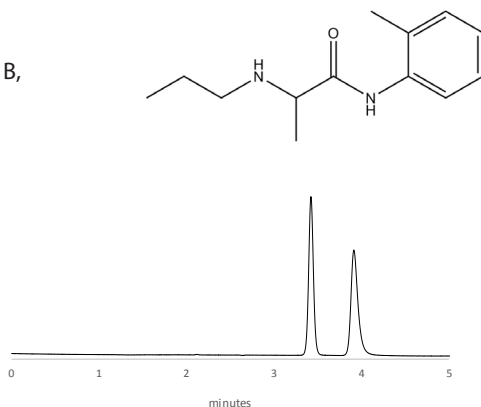
Detection: UV 254 nm

k': 0.71

α : 1.35

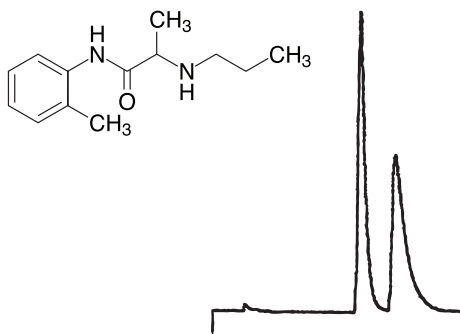
CAS #: 721-50-6

Catalog #: 1-590204-300



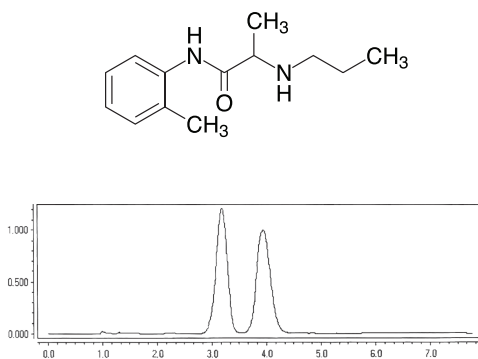
Prilocaine

Column: (S,S) ULMO,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (99/1)
Hexane/Ethanol + 0.01 M
Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 15.0 min
k': 5.70
 α : 1.28
Catalog #: 1-787100-300



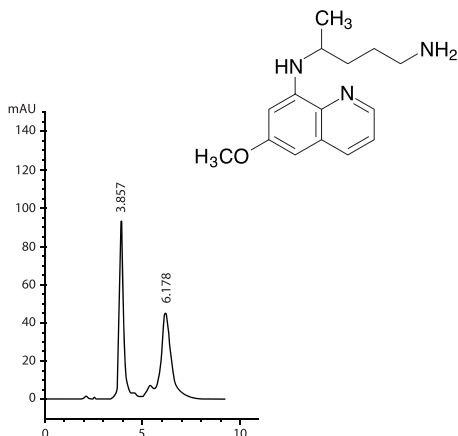
Prilocaine

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/5)
CO₂/IPA + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 3.26
 α : 1.31
Catalog #: 1-784104-300



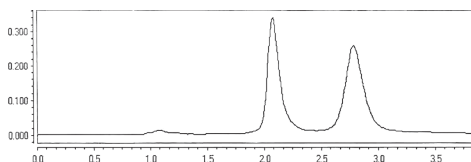
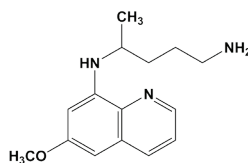
Primaquine

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/Ethanol+ 0.1% DEA
+ 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.03
 α : 2.19
CAS #: 90-34-6
Catalog #: 1-784104-300



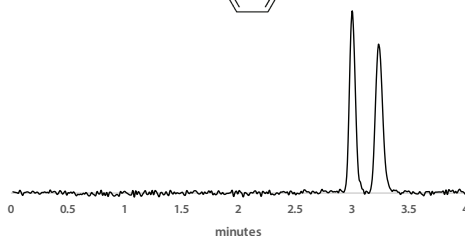
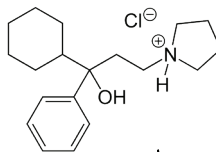
Primaquine

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
 CO_2 /Ethanol + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
 k' : 1.77
 α : 1.53
Catalog #: 1-784104-300



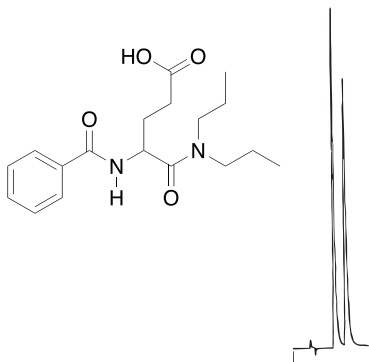
Procyclidine

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (99/1/0.1)
Hexane/IPA/DEA
Flow Rate: 1.5 mL/min
Detection: UV 28 nm
 k' : 0.48
 α : 1.27
CAS #: 77-37-2
Catalog #: 1-580204-300



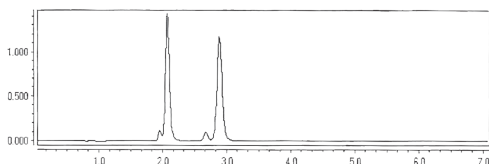
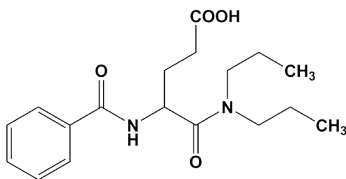
Proglumide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/IPA + 0.1% HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 10 min
 k' : 1.54
 α : 1.49
Catalog #: 1-780101-300,
1-780201-300



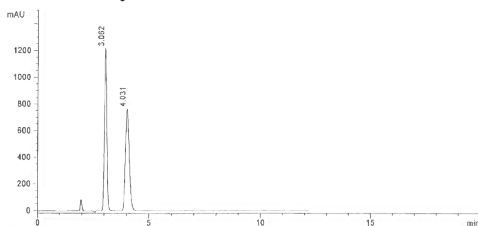
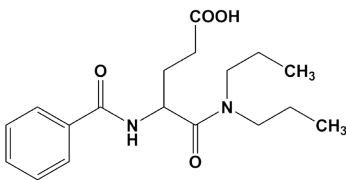
Proglumide

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
 CO_2 /Ethanol + 0.5% Acetic Acid
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 1.77
 α : 1.61
Catalog #: 1-780101-300



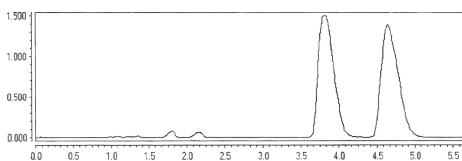
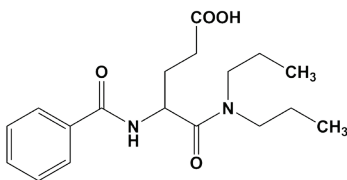
Proglumide

Column: RegisCell,
3 μm , 15 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol + 0.1 TFA
Flow Rate: 1.0 mL/min
Detection: UV 245 nm
k': 0.76
 α : 1.74
Catalog #: 1-784504-300



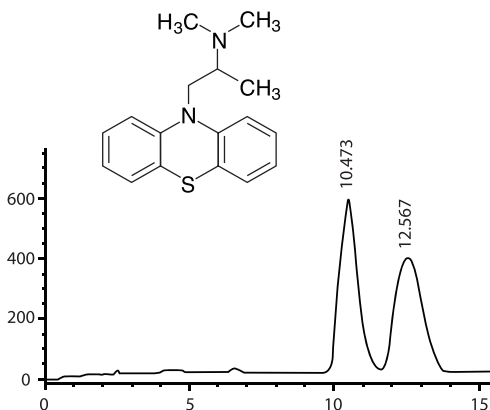
Proglumide

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (94/6)
 CO_2 /CH₃OH + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 245 nm
k': 4.08
 α : 1.27
Catalog #: 1-784104-300



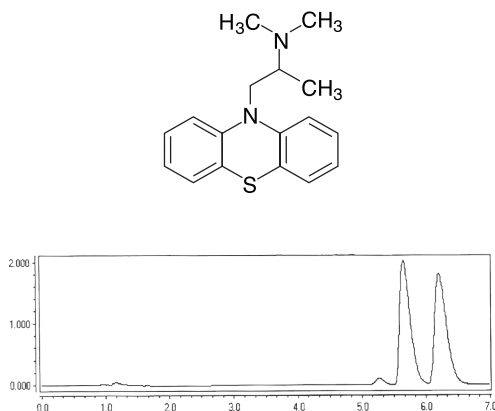
Promethazine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (99.5/5)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 12.0 min
k': 4.56
 α : 1.24
CAS #: 60-87-7
Catalog #: 1-783104-300



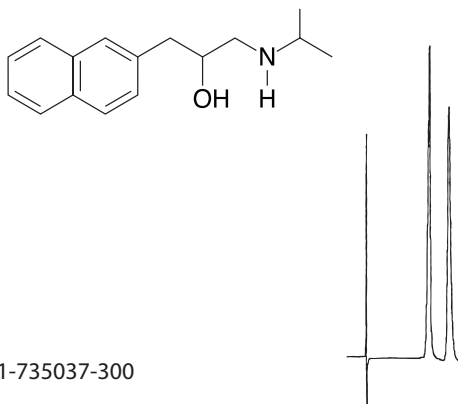
Promethazine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
CO₂/IPA + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 6.53
 α : 1.11
Catalog #: 1-783104-300



Pronethalol

Column: α -Burke 2,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
CH₂Cl₂/EtOH
15 mM NH₄OAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 15 min
k': 3.26
 α : 1.31
Reference: 30
Catalog #: 1-735035-300, 1-735037-300



Propafenone

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (47/47/6)

CH_2Cl_2 /Hexane/

Ethanol + 0.01 M

Ammonium Acetate

Flow Rate: 1.5 mL/min

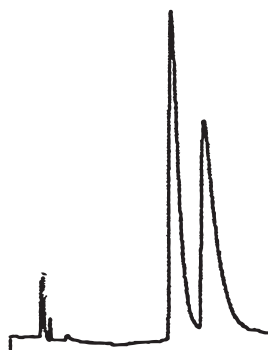
Detection: UV 254 nm

Run Time: 11.0 min

k' : 3.99

α : 1.25

Catalog #: 1-780201-300



Propafenone

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: 100%

Methanol + 0.1% DEA

Flow Rate: 1.0 mL/min

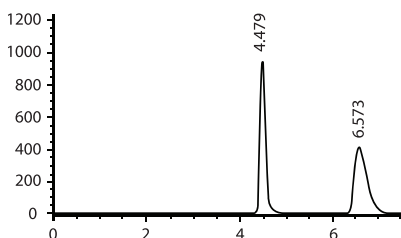
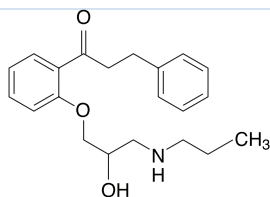
Detection: UV 254 nm

k' : 0.54

α : 2.33

CAS #: 54063-53-5

Catalog #: 1-783104-300



Propafenone

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15)

CO_2 /IPA + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

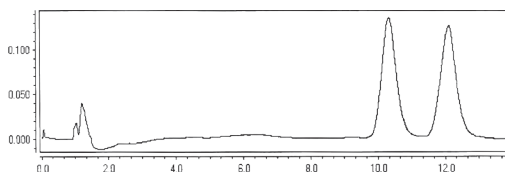
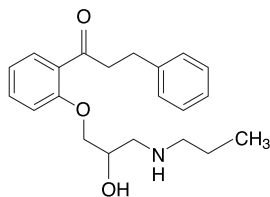
Pressure: 125 bar

Detection: UV 254 nm

k' : 12.77

α : 1.19

Catalog #: 1-783104-300



Propranolol

Column: Reflect I-Cellulose B,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)

Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

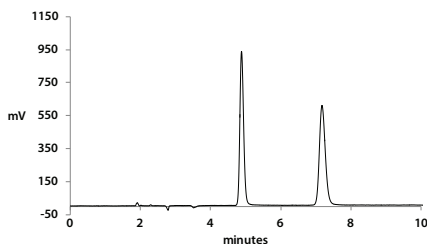
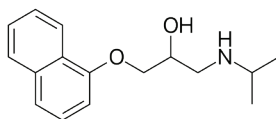
Detection: UV 230 nm

k': 1.55

α : 1.77

CAS#: 525-66-6

Catalog #: 1-592204-300



Propranolol

Column: α -Burke 2,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

CH₂Cl₂/EtOH

15mM NH₄OAc

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

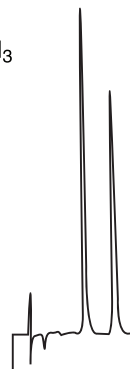
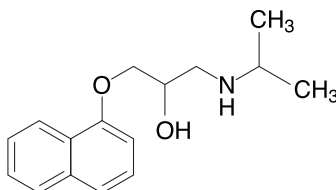
Run Time: 16 min

Reference: 30

k': 2.04

α : 1.52

Catalog #: 1-735035-300, 1-735037-300



Propranolol

Column: (3R,4S) Pirkle 1-J,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

CH₂Cl₂/Ethanol + 0.04M

Ammonium Acetate

Flow Rate: 1.0 mL/min

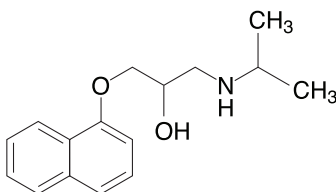
Detection: UV 254 nm

Run Time: 6.5 min

k': 0.80

α : 1.80

Catalog #: 1-731044-300



Pyranoquinolones

2-amino-4-(4-hydroxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: 100%
Methanol

Flow Rate: 1.5 mL/min

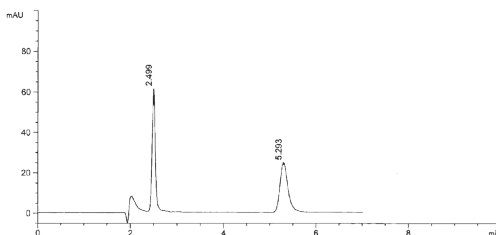
Detection: UV 220 nm

k': 0.32

k': 1.79

α : 5.59

Catalog #: 1-780101-300



Pyranoquinolones

2-amino-4-(4-hydroxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

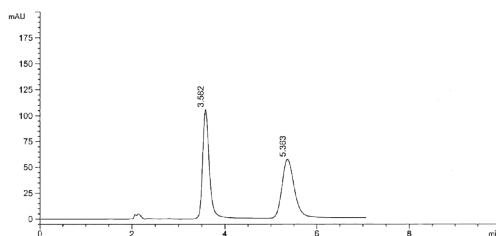
Detection: UV 220 nm

k': 0.89

k': 1.82

α : 2.04

Catalog #: 1-783104-300



Pyranoquinolones

2-amino-4-(4-hydroxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25) $\text{CO}_2/\text{CH}_3\text{OH}$

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 125 bar

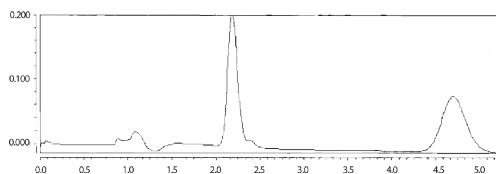
Detection: UV 220 nm

k': 1.92

k': 5.27

α : 2.74

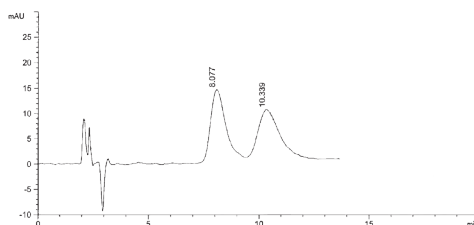
Catalog #: 1-783104-300



Pyranoquinolones

2-amino-4-(4-hydroxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

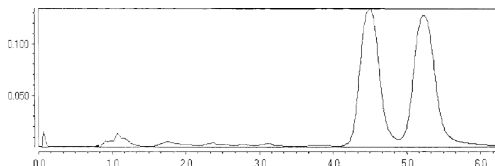
Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 3.25
k'': 4.44
 α : 1.37
Catalog #: 1-784104-300



Pyranoquinolones

2-amino-4-(4-hydroxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

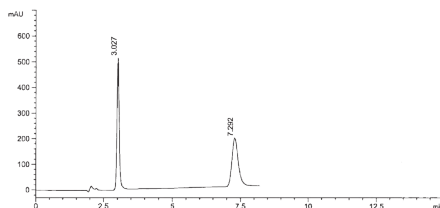
Column: RegisCell, 5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25) $\text{CO}_2/\text{CH}_3\text{OH}$
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 124 bar
Detection: UV 220 nm
k': 5.01
k'': 5.97
 α : 1.19
Catalog #: 1-784104-300



Pyranoquinolones

2-amino-4-(4-methoxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

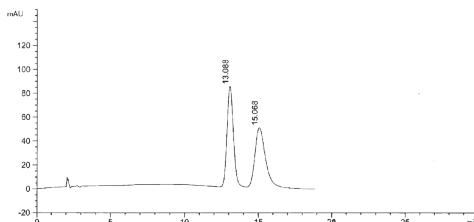
Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100% Methanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 0.59
k'': 2.84
 α : 4.81
Catalog #: 1-780101-300



Pyranoquinolones

2-amino-4-(4-methoxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

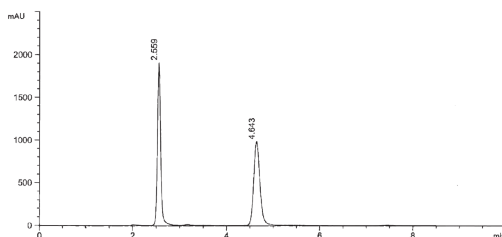
Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k'₁: 5.89
k'₂: 6.93
 α : 1.18
Catalog #: 1-783104-300



Pyranoquinolones

2-amino-4-(3,4-difluorophenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

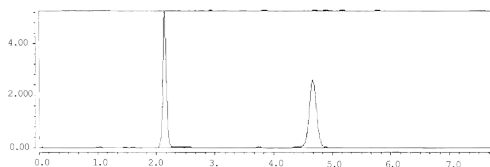
Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100%
Methanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k'₁: 0.35
k'₂: 1.44
 α : 4.11
Catalog #: 1-780101-300



Pyranoquinolones

2-amino-4-(3,4-difluorophenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: (S,S) Whelk-O 1, 5 μm , 25 cm x 4.6 mm
Mobile Phase: (60/40) CO₂/CH₃OH
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 124 bar
Detection: UV 220 nm
k'₁: 1.85
k'₂: 5.23
 α : 2.83
Catalog #: 1-780101-300



Pyranoquinolones

2-amino-4-(3,4-difluorophenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

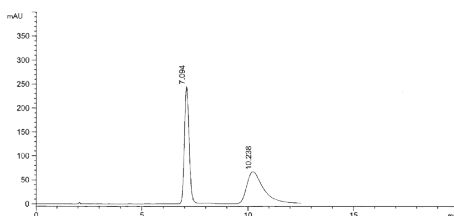
Detection: UV 220 nm

k'₁: 2.73

k'₂: 4.39

α : 1.61

Catalog #: 1-783104-300



Pyranoquinolones

2-amino-4-(3,4-difluorophenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisPack, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30) CO₂/CH₃OH

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

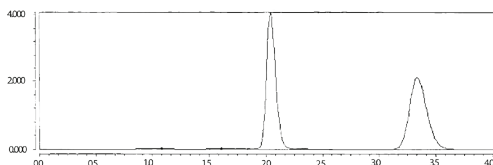
Detection: UV 220 nm

k'₁: 1.72

k'₂: 3.45

α : 2.01

Catalog #: 1-783104-300



Pyranoquinolones

2-amino-4-(3,4-difluorophenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

Hexane/IPA

Flow Rate: 1.5 mL/min

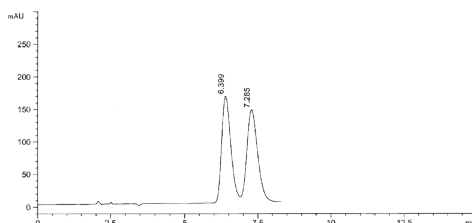
Detection: UV 220 nm

k'₁: 2.37

k'₂: 2.83

α : 1.19

Catalog #: 1-784104-300



Pyranoquinolones

2-amino-4-(2,3-dimethoxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: 100%
Methanol

Flow Rate: 1.5 mL/min

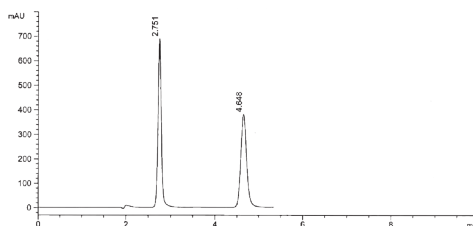
Detection: UV 220 nm

k'₁: 0.45

k'₂: 1.45

α : 3.22

Catalog #: 1-780101-300



Pyranoquinolones

2-amino-4-(2,3-dimethoxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: Whelk-O 1, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40) CO₂/CH₃OH

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

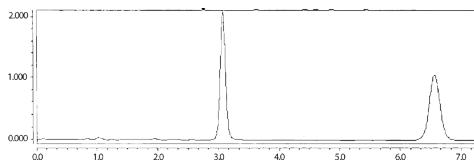
Detection: UV 220 nm

k'₁: 3.11

k'₂: 7.76

α : 2.50

Catalog #: 1-780101-300



Pyranoquinolones

2-amino-4-(2,3-dimethoxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisPack,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)
Hexane/Ethanol

Flow Rate: 1.5 mL/min

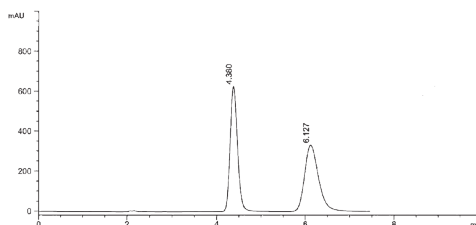
Detection: UV 220 nm

k'₁: 1.31

k'₂: 2.22

α : 1.69

Catalog #: 1-783104-300



Pyranoquinolones

2-amino-4-(2,3-dimethoxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisPack, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (60/40) CO₂/CH₃OH

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

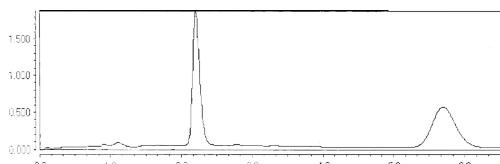
Detection: UV 220 nm

k': 1.95

k'': 6.60

α : 3.38

Catalog #: 1-783104-300



Pyranoquinolones

2-amino-4-(2,3-dimethoxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

Flow Rate: 1.5 mL/min

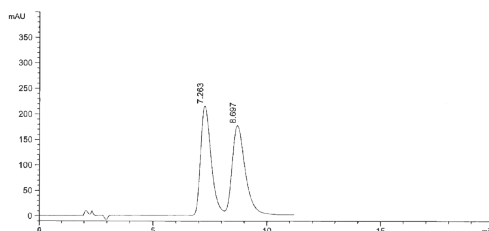
Detection: UV 220 nm

k': 2.82

k'': 3.58

α : 1.27

Catalog #: 1-784104-300



Pyranoquinolones

2-amino-4-(2,5-dimethoxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: 100%

Methanol

Flow Rate: 1.5 mL/min

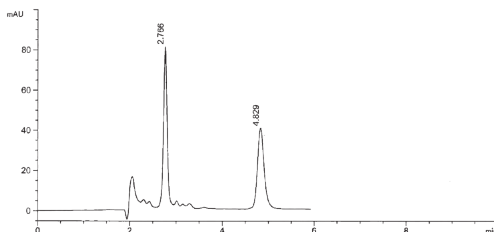
Detection: UV 220 nm

k': 0.46

k'': 1.54

α : 3.35

Catalog #: 1-780101-300



Pyranoquinolones

2-amino-4-(2,5-dimethoxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: Whelk-O 1, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40) $\text{CO}_2/\text{CH}_3\text{OH}$

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 124 bar

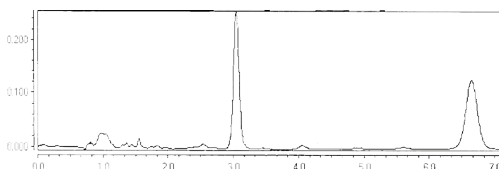
Detection: UV 220 nm

k'₁: 3.05

k'₂: 7.87

α : 2.58

Catalog #: 1-780101-300



Pyranoquinolones

2-amino-4-(2,5-dimethoxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

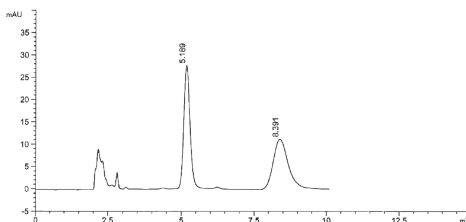
Detection: UV 220 nm

k'₁: 1.73

k'₂: 3.42

α : 1.98

Catalog #: 1-783104-300



Pyranoquinolones

2-amino-4-(2,5-dimethoxyphenyl)-5-oxo-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40) $\text{CO}_2/\text{CH}_3\text{OH}$

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 125 bar

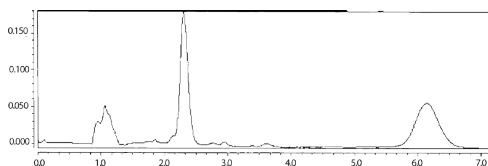
Detection: UV 220 nm

k'₁: 2.09

k'₂: 7.19

α : 3.44

Catalog #: 1-783104-300



Pyranoquinolones

2-amino-5-oxo-4-[4-(trifluoromethyl)phenyl]-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: 100%

Methanol

Flow Rate: 1.5 mL/min

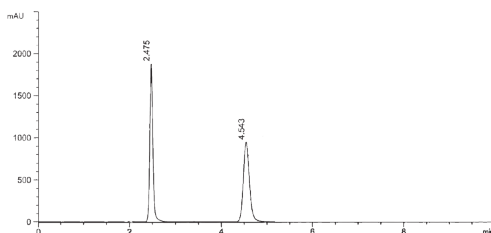
Detection: UV 220 nm

k'₁: 0.30

k'₂: 1.39

α : 4.63

Catalog #: 1-780101-300



Pyranoquinolones

2-amino-5-oxo-4-[4-(trifluoromethyl)phenyl]-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

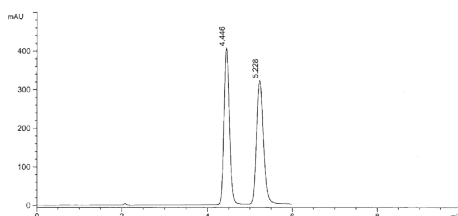
Detection: UV 220 nm

k'₁: 1.34

k'₂: 1.75

α : 1.31

Catalog #: 1-783104-300



Pyranoquinolones

2-amino-5-oxo-4-[4-(trifluoromethyl)phenyl]-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisPack, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30) CO₂/CH₃OH

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 126 bar

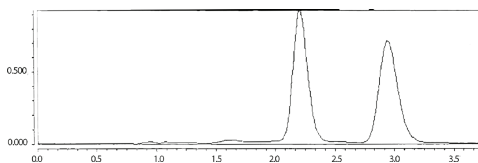
Detection: UV 220 nm

k'₁: 1.95

k'₂: 2.92

α : 1.50

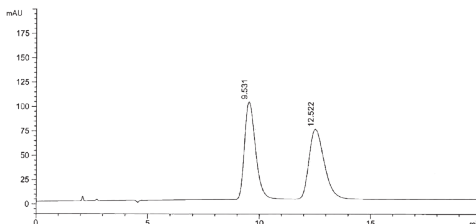
Catalog #: 1-783104-300



Pyranoquinolones

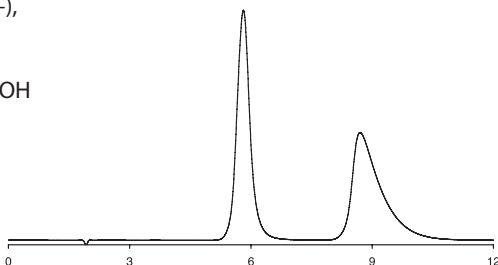
2-amino-5-oxo-4-[4-(trifluoromethyl)phenyl]-5,6-dihydro-4H-pyrano[3,2-c]quinoline-3-carbonitrile

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 4.02
k': 5.59
 α : 1.39
Catalog #: 1-784104-300



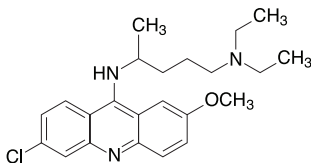
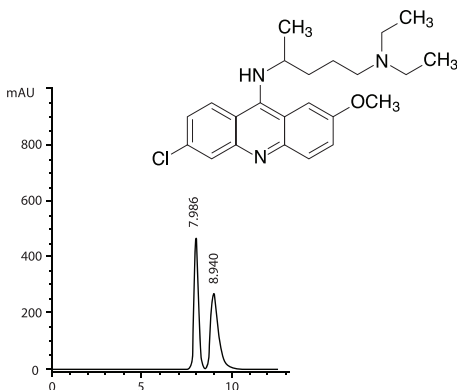
DL-Pyridylalanine

Column: ChiroSil ME RCA(+),
5 μ m, 15 cm x 4.6 mm
Mobile Phase: (30/70)
0.01% Phosphoric Acid/MeOH
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Temperature: 20 °C
k': 2.03
 α : 1.74
Catalog #: 1-788001-300



Quinacrine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (97/3)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 12.0 min
k': 3.20
 α : 1.16
CAS #: 83-89-6
Catalog #: 1-783104-300



4(3H)-Quinazoline Derivatives

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.0 mL/min

Detection: UV 225 nm

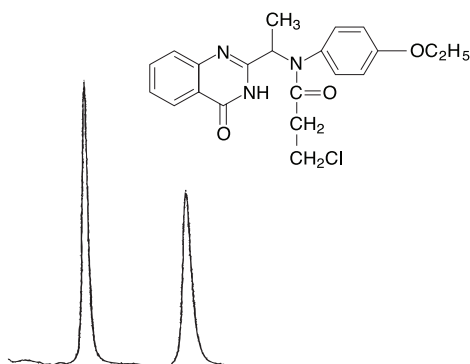
Run Time: 17.0 min

k': 2.95

α : 1.62

Reference: 53

Catalog #: 1-780101-300



4(3H)-Quinazoline Derivatives

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.0 mL/min

Detection: UV 225 nm

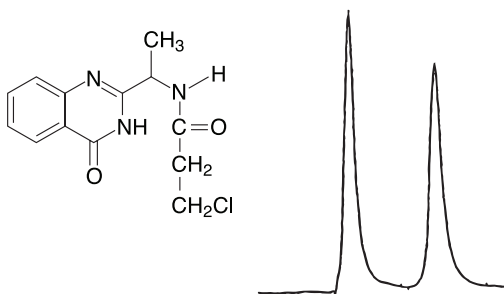
Run Time: 15.0 min

k': 3.19

α : 1.37

Reference: 53

Catalog #: 1-780101-300



4(3H)-Quinazoline Derivatives

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 225 nm

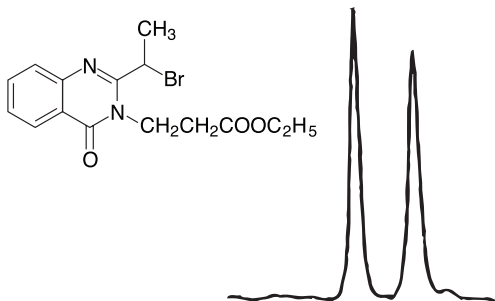
Run Time: 15.0 min

k': 3.54

α : 1.19

Reference: 53

Catalog #: 1-780101-300



4(3H)-Quinazoline Derivatives

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.0 mL/min

Detection: UV 225 nm

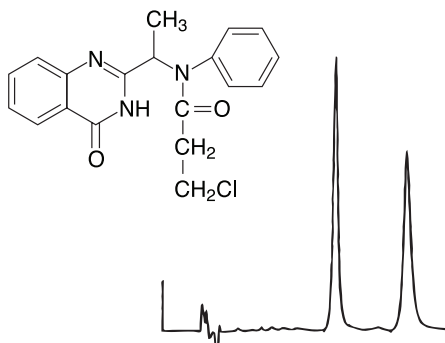
Run Time: 16.0 min

k': 2.88

α : 1.56

Reference: 53

Catalog #: 1-780101-300



4(3H)-Quinazoline Derivatives

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.0 mL/min

Detection: UV 225 nm

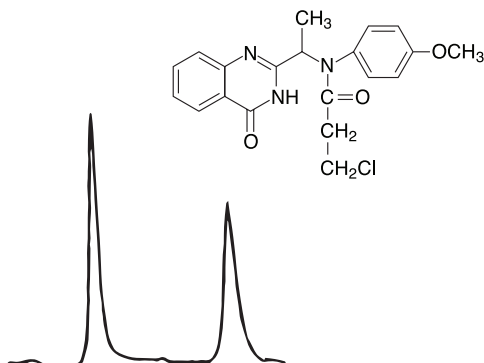
Run Time: 21.0 min

k': 3.75

α : 1.57

Reference: 53

Catalog #: 1-780101-300



Quizalofop-ethyl

Column: (R,R) DACH-DNB,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/IPA

Temperature: 20 $^{\circ}\text{C}$

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Run Time: 20.0 min

k': 5.22

α : 1.21

Reference: 54

Catalog #: 1-788101-300



Ranolazine

Column: (R,R) Whelk-O 1,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35)

Hexane/IPA + 35 mM

Ammonium Acetate

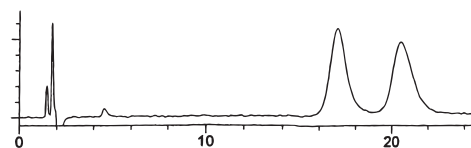
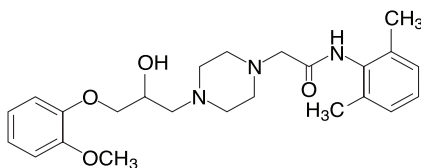
Flow Rate: 2.0 mL/min

Detection: UV 220 nm

k': 11.51

α : 1.23

Catalog #: 1-786515-300



Rasagaline Mesylate

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (98/2)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

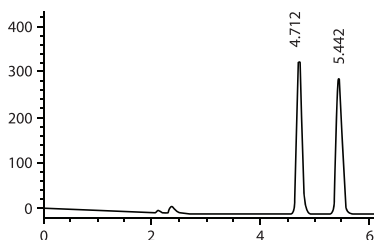
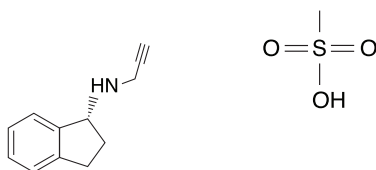
Detection: UV 210 nm

k': 1.44

α : 1.26

CAS #: 161735-79-1

Catalog #: 1-783104-300



Rebamipide

Column: (S,S) Whelk-O 2,

10 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15)

Hexane/Ethanol + 0.1% TFA

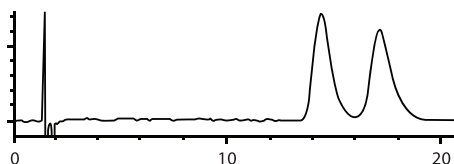
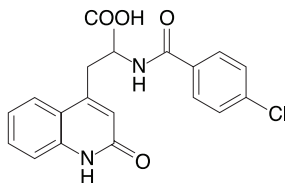
Flow Rate: 2.0 mL/min

Detection: UV 220 nm

k': 9.64

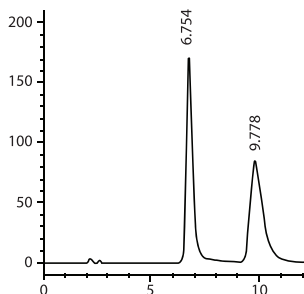
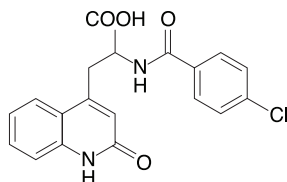
α : 1.21

Catalog #: 1-786415-300



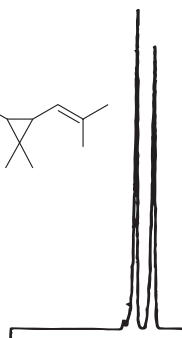
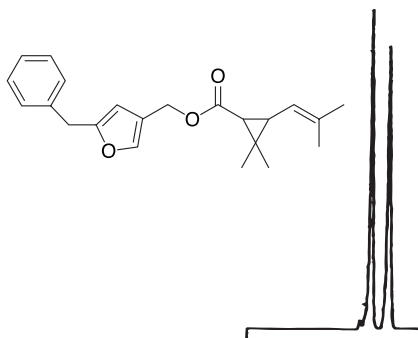
Rebamipide

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/Ethanol + 0.1% DEA
+ 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.50
 α : 1.63
CAS #: 111911-87-6
Catalog #: 1-783104-300



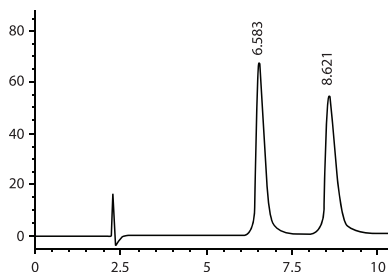
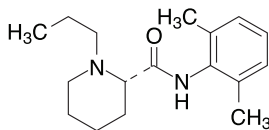
Resmethrin

Column: (R,R) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: 100%
Hexane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 15.0 min
k': 6.30
 α : 1.19
Catalog #: 1-780201-300



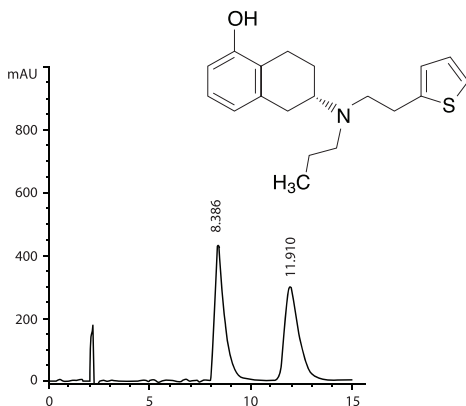
Ropivacaine

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (70/30)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.40
 α : 1.44
CAS #: 84057-95-4
Catalog #: 1-780101-300,
1-780201-300



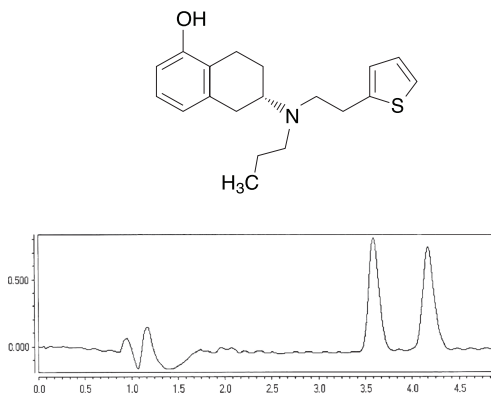
Rotigotine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 3.40
 α : 2.94
CAS #: 92206-54-7
Catalog #: 1-783104-300



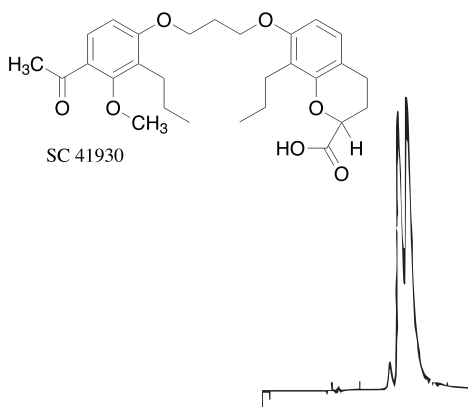
Rotigotine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
CO₂/Ethanol + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k': 3.79
 α : 1.20
Catalog #: 1-783104-300



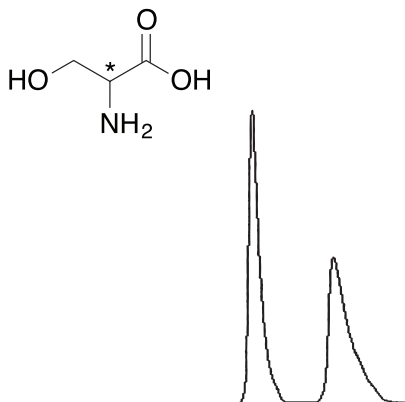
SC 41930

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA + 0.5% HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 6 min
k': 1.05
 α : 1.12
Reference: 7
Catalog #: 1-780101-300,
1-780201-300



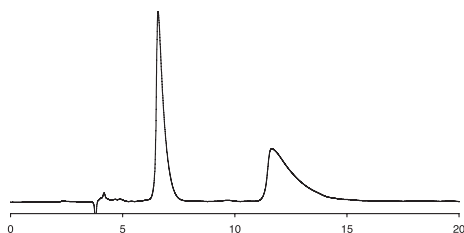
Serine

Column: ChiroSil,
5 μm , 15 cm x 4.6 mm
Mobile Phase: (84/16)
CH₃OH/H₂O +5 mM HClO₄
Flow Rate: 0.8 mL/min
Detection: UV 210 nm
Run Time: 6.0 min
k': 1.37
 α : 1.99
Catalog #: 1-799001-300,
1-799101-300



DL-Serine

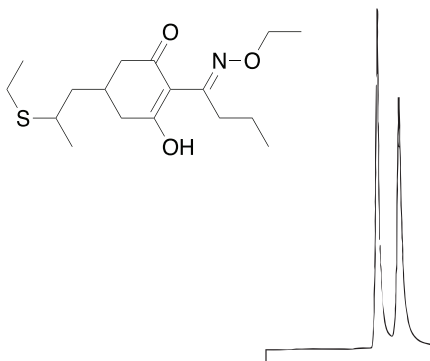
Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (50/50)
5 mM HClO₄ Acid/MeOH
Flow Rate: 0.5 mL/min
Detection: UV 210 nm
Temperature: 20 °C
k': 0.74
 α : 2.82
Rs: 5.87
Catalog #: 1-788001-300



Sethoxydim

Herbicide

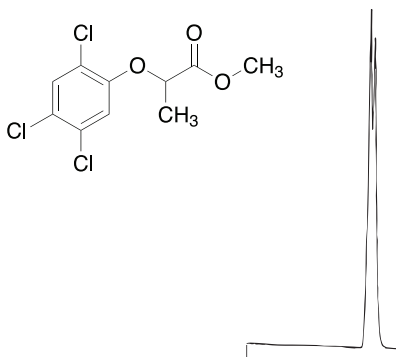
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98/2)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 15 min
k': 6.77
 α : 1.26
Catalog #: 1-780101-300,
1-780201-300



Silvex Methyl

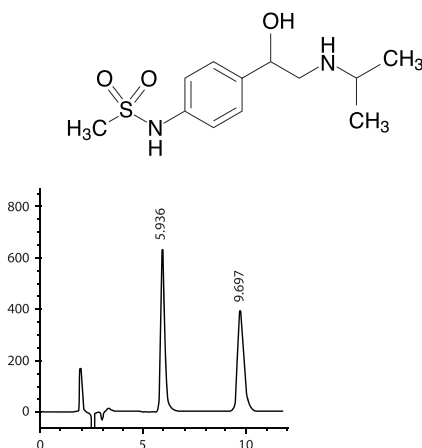
Herbicide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100% Hexane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 15 min
k': 6.47
 α : 1.05
Catalog #: 1-780101-300,
1-780201-300



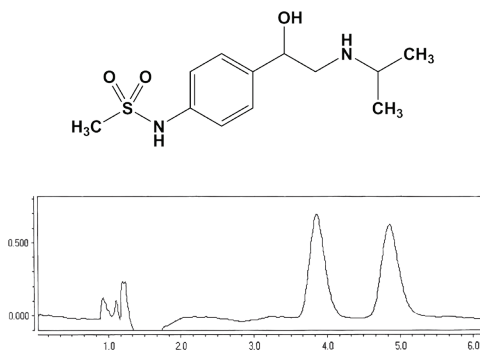
Sotalol

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 2.12
 α : 1.94
CAS #: 3930-20-9
Catalog #: 1-783104-300



Sotalol

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
 CO_2 /Ethanol + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 4.14
 α : 1.32
Catalog #: 1-783104-300



Stilbene Oxide

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)
Hexane/IPA

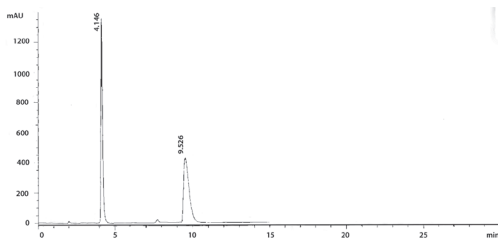
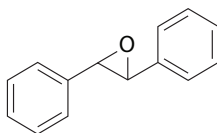
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 1.15

α : 3.42

Catalog #: 1-780101-300



Stilbene Oxide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)
Hexane/IPA

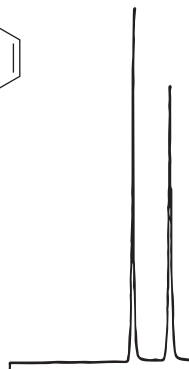
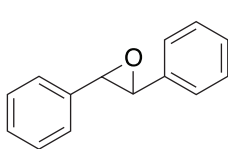
Flow Rate: 1.0 mL/min

Detection: UV 254 nm

k': 0.45

α : 2.00

Catalog #: 1-780101-300,
1-780201-300



TSO (trans-Stilbene Oxide)

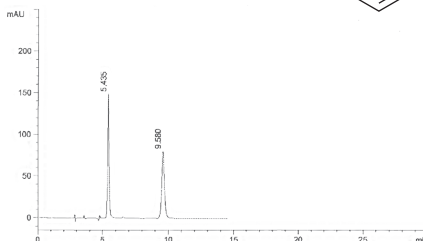
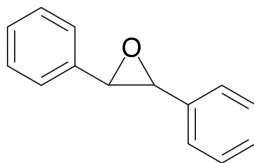
Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)
Hexane/Ethanol

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

Catalog #: 1-780101-300



TSO (trans-Stilbene Oxide)

Column: RegisPack CLA-1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/Ethanol

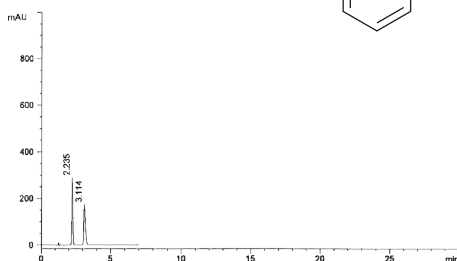
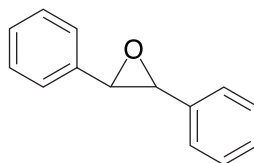
Flow Rate: 1.0 mL/min

Detection: UV 254 nm

k': 0.18

α : 3.55

Catalog #: 1-793104-300



Styrene Oxide

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (99/1)

Hexane/IPA

Flow Rate: 1.0 mL/min

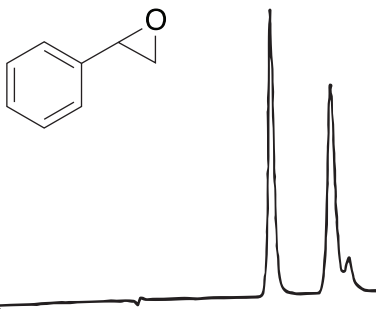
Detection: UV 254 nm

k': 1.37

α : 1.37

Catalog #: 1-780101-300,

1-780201-300



Sulconazole

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (72/25)

Hexane/IPA

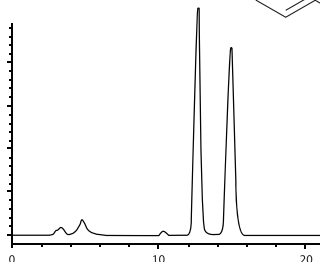
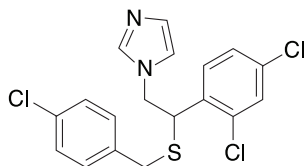
Flow Rate: 1.0 mL/min

Detection: UV 254 nm

k': 3.17

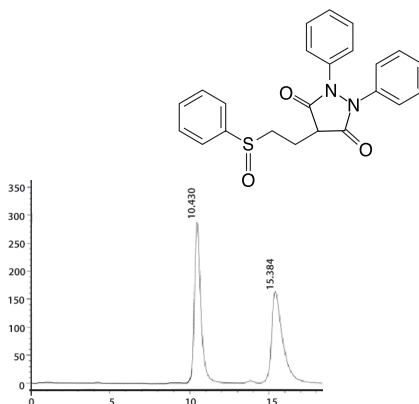
α : 1.23

Catalog #: 1-784104-300



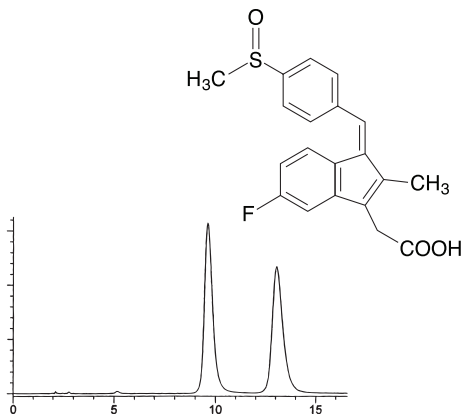
Sulfinpyrazone

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/Ethanol
+ 25 mM Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 11.0 min
k': 4.40
 α : 1.58
CAS #: 57-96-5
Catalog #: 1-780101-300,
1-780201-300



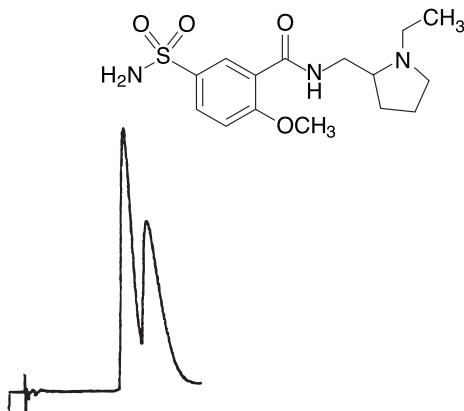
Sulindac

Column: (R,R) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (48/48/4)
Hexane/ CH_2Cl_2 /IPA
+ 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 4.32
 α : 1.45
Catalog #: 1-786515-300



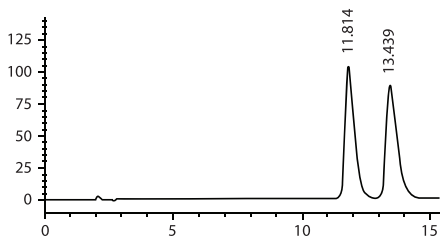
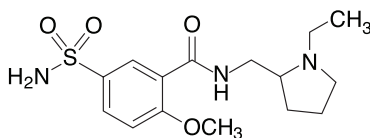
Sulpiride

Column: (R,R) DACH-DNB,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
 CH_2Cl_2 /Ethanol + 0.01 M
Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 14.0 min
k': 5.92
 α : 1.24
Catalog #: 1-788101-300



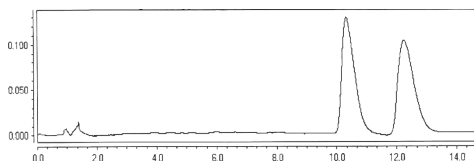
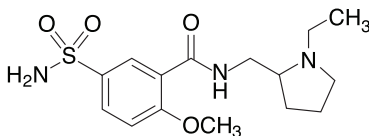
Sulpiride

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/Ethanol + 0.1 % DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 5.22
 α : 1.16
CAS #: 15676-16-1
Catalog #: 1-783104-300



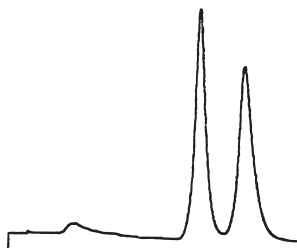
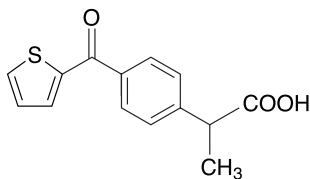
Sulpiride

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (85/15)
CO₂/CH₃OH + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 12.76
 α : 1.20
Catalog #: 1-783104-300



Suprofen

Column: (S,S) Whelk-O 1,
10 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA
+ 0.01 M Ammonium Acetate
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
Run Time: 18.0 min
k': 9.76
 α : 1.27
Catalog #: 1-786615-300



Suprofen

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25)
 CO_2 /Ethanol + 0.5% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

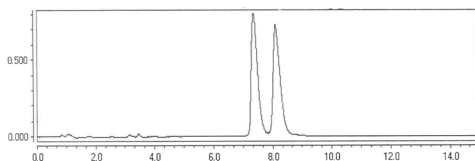
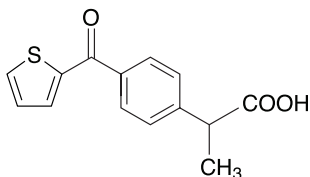
Pressure: 125 bar

Detection: UV 254 nm

k'_1 : 8.82

α : 1.11

Catalog #: 1-780101-300



Suprofen

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

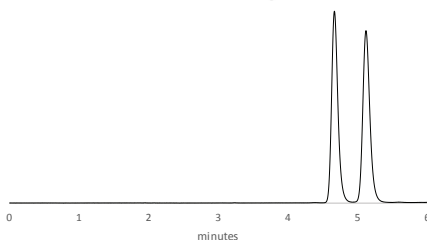
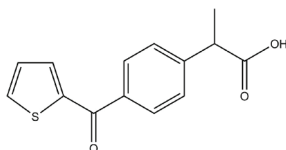
Detection: UV 254 nm

k'_1 : 1.33

α : 1.17

CAS #: 40828-32-5

Catalog #: 1-591204-300



Suprofen

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)

Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

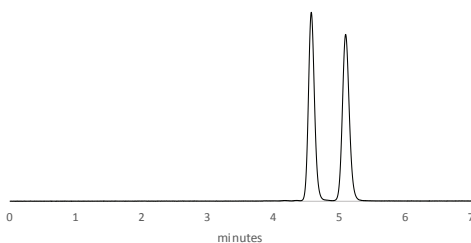
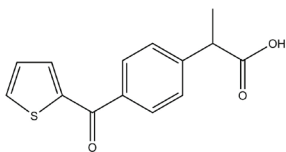
Detection: UV 254 nm

k'_1 : 1.28

α : 1.20

CAS #: 40828-46-4

Catalog #: 1-593204-300



Suprofen

Column: Reflect I-Cellulose J,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)

Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

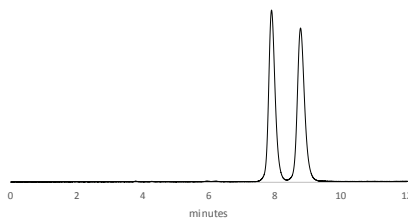
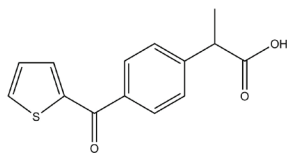
Detection: UV 254 nm

k': 2.94

α : 1.115

CAS #: 40828-46-4

Catalog #: 1-594204-300



Tamsulosin

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol + 0.1% DEA

Flow Rate: 1.5 mL/min

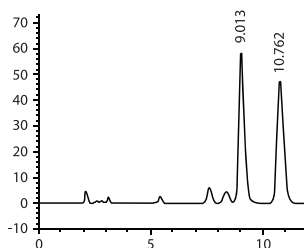
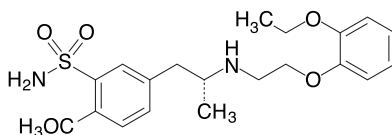
Detection: UV 280 nm

k': 3.67

α : 1.25

CAS #: 106133-20-4

Catalog #: 1-783104-300



Taxifolin

Column: (S,S) Whelk-O 2,

10 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

Hexane/Ethanol

+ 0.1% TFA

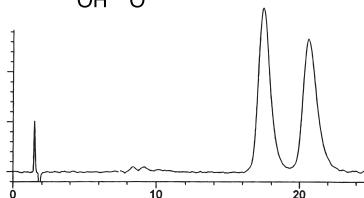
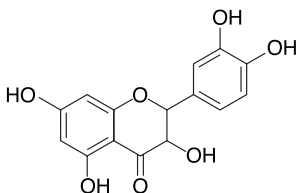
Flow Rate: 2.0 mL/min

Detection: UV 220 nm

k': 11.87

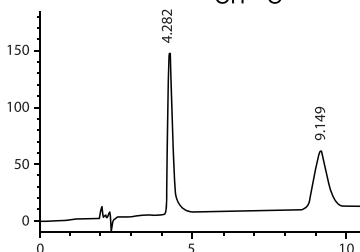
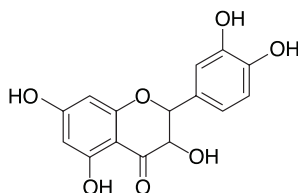
α : 1.20

Catalog #: 1-786415-300



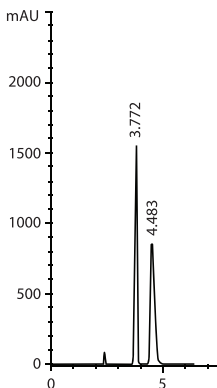
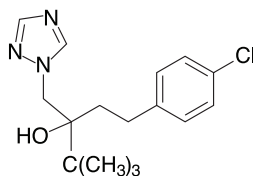
Taxifolin

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (70/15/15)
Hexane/Ethanol/Methanol
+0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 1.22
 α : 3.07
CAS #: 480-18-2
Catalog #: 1-783104-300



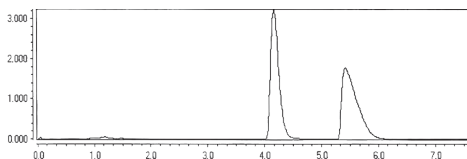
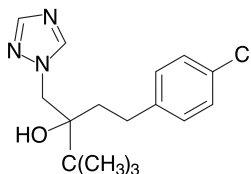
Tebuconazole

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 0.98
 α : 1.39
CAS #: 107534-96-3
Catalog #: 1-783104-300



Tebuconazole

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (85/15)
CO₂/IPA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 124 bar
Detection: UV 220 nm
k': 4.56
 α : 1.37
Catalog #: 1-783104-300



Temazepam

Column: (S,S) Whelk-O 1,

10 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

+ 0.1% Acetic Acid

Flow Rate: 2.0 mL/min

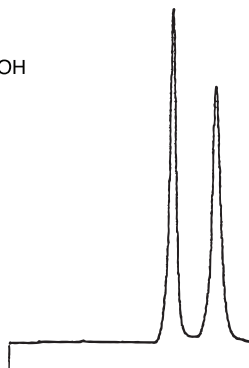
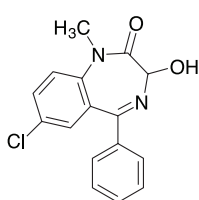
Detection: UV 254 nm

Run Time: 13.0 min

k': 6.86

α : 1.34

Catalog #: 1-786615-300



Temazepam

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

CO₂/Ethanol

+ 0.5% Acetic Acid

Flow Rate: 4.0 mL/min

Temperature: 40 °C

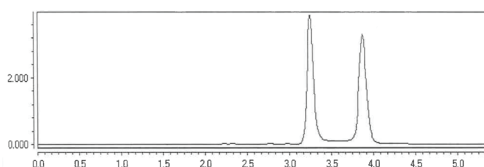
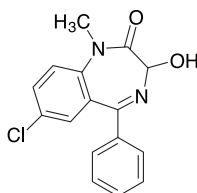
Pressure: 125 bar

Detection: UV 254 nm

k': 3.33

α : 1.25

Catalog #: 1-780101-300



Temazepam

Column: (S,S) ULMO,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (97/3)

Hexane/IPA

+ 0.1% Acetic Acid

Flow Rate: 1.5 mL/min

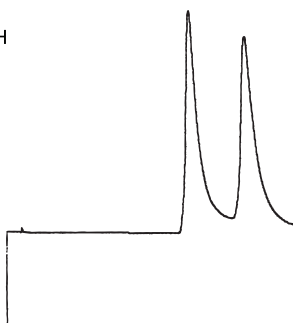
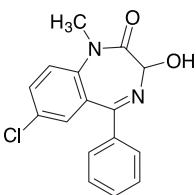
Detection: UV 254 nm

Run Time: 31.0 min

k': 12.05

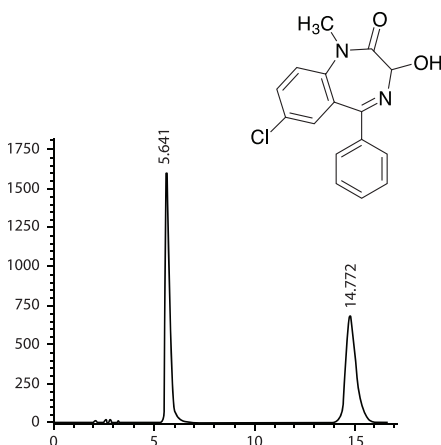
α : 1.34

Catalog #: 1-787100-300



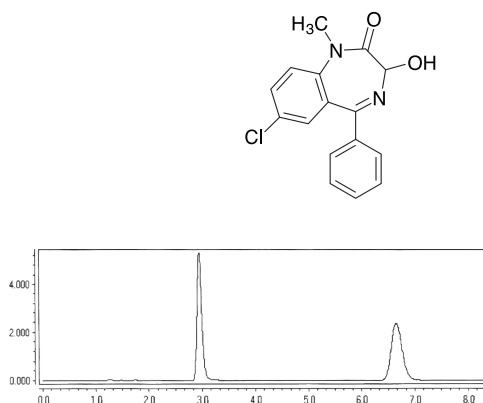
Temazepam

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (50/50)
Hexane/IPA
+ 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 1.97
 α : 3.44
CAS #: 846-50-4
Catalog #: 1-783104-300



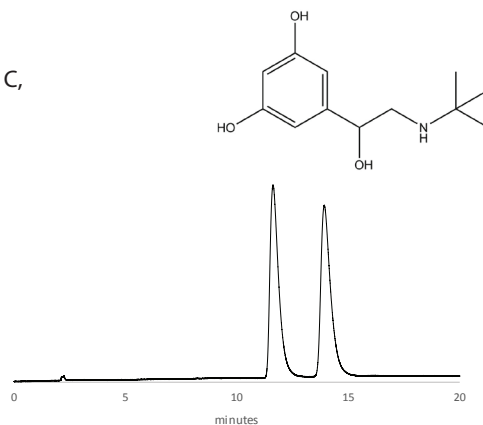
Temazepam

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (60/40)
CO₂/IPA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 220 nm
k': 2.92
 α : 2.69
Catalog #: 1-783104-300



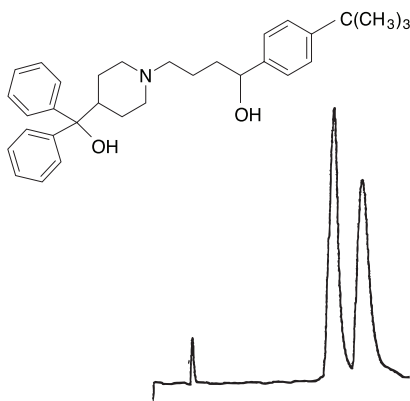
Terbutaline

Column: Reflect I-Cellulose C,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10/0.1)
Hexane/Ethanol/DEA
Flow Rate: 1.5 mL/min
Detection: UV 276 nm
k': 4.79
 α : 1.24
CAS #: 23031-32-5
Catalog #: 1-593204-300



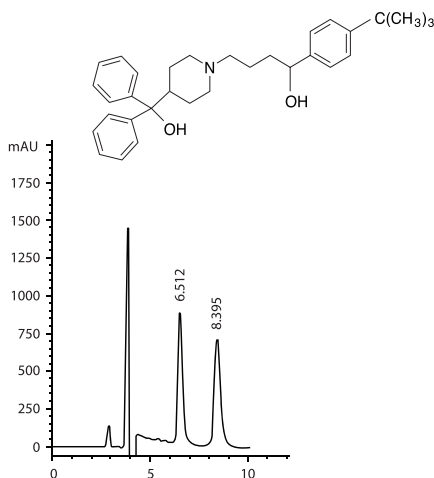
Terfenadine

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (97/3)
Hexane/Ethanol
+ 0.01 M Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 15.0 min
k': 5.91
 α : 1.20
Catalog #: 1-780201-300



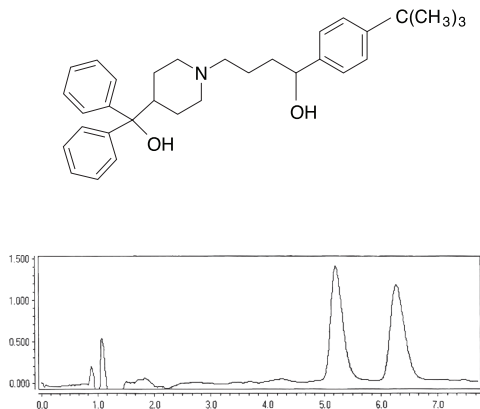
Terfenadine

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/IPA + 0.1% DEA
Flow Rate: 1.0 mL/min
Detection: UV 220 nm
k': 1.25
 α : 1.52
CAS #: 50679-08-8
Catalog #: 1-783104-300



Terfenadine

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
 CO_2 /IPA + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 220 nm
k': 5.94
 α : 1.24
Catalog #: 1-783104-300



Tert Butyl Phenyl Carbinol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (99/1)
Heptane/IPA

Flow Rate: 1.0 mL/min

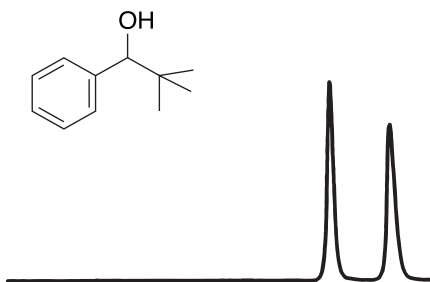
Detection: UV 215 nm

Run Time: 6.0 min

k': 4.60

α : 1.46

Catalog #: 1-787100-300



Tert-butyl-2-(benzamido) cyclopentyl carbamate

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5)
Hexane/IPA

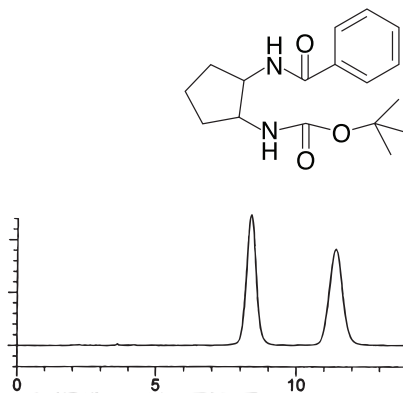
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 3.65

α : 1.46

Catalog #: 1-786615-300



Tetrabenazine

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm

Mobile Phase: (55/45)
Hexane/IPA + 0.1% TFA

Flow Rate: 1.5 mL/min

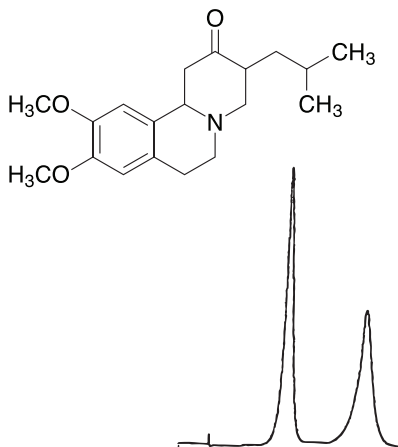
Detection: UV 280 nm

Run Time: 13.4 min

k': 3.35

α : 1.93

Catalog #: 1-786615-300



Tetrahydrobenzopyrene-7-ol

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

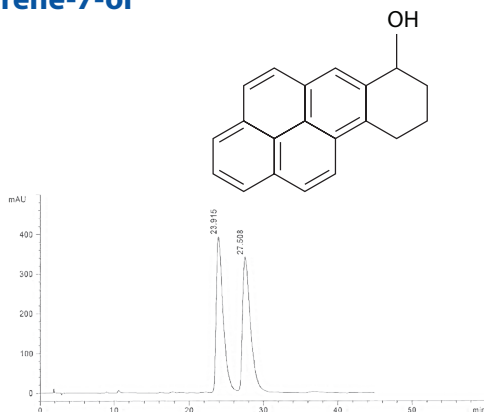
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 11.39

α : 1.16

Catalog #: 1-780101-300



Tetrahydrobenzopyrene-7-ol

Column: Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 254 nm

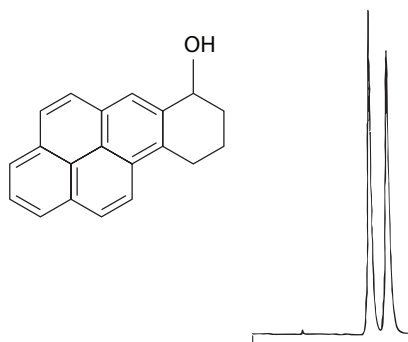
Run Time: 22 min

k': 6.10

α : 1.18

Catalog #: 1-780101-300,

1-780201-300



1,2,3,4-Tetrahydro-1-naphthylamine

Column: ChiroSil,

5 μ m, 15 cm x 4.6 mm

Mobile Phase: (84/16)

CH₃OH/H₂O + 10 mM

H₂SO₄ & 0.1% TEA

Flow Rate: 1.0 mL/min

Detection: UV 210 nm

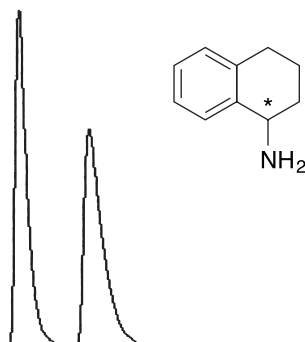
Run Time: 3.5 min

k': 0.82

α : 1.76

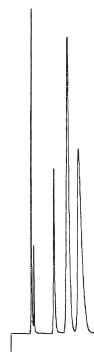
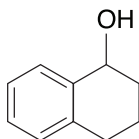
Catalog #: 1-799001-300,

1-799101-300



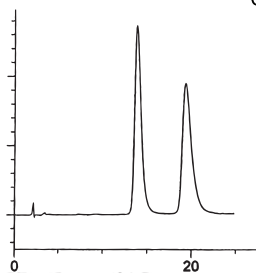
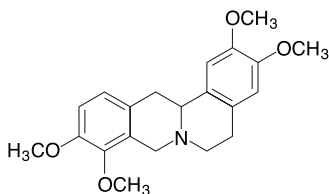
1,2,3,4-Tetrahydro-1-Naphtol

Column: (R,R) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (99/1)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 10.5 min
k': 2.17
 α : 1.30
Catalog #: 1-787200-300



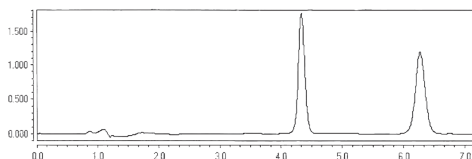
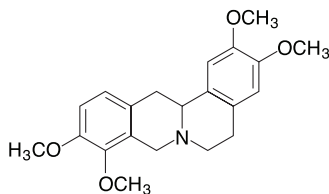
Tetrahydropalmatine

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (50/50)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 6.66
 α : 1.46
Catalog #: 1-786515-300



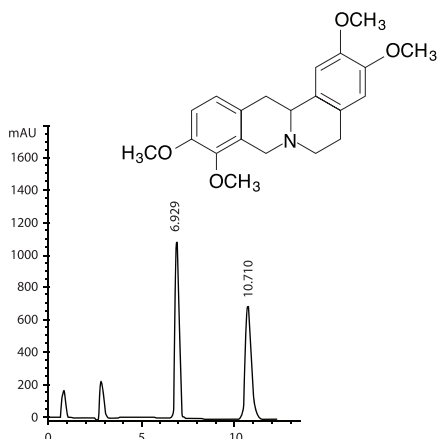
Tetrahydropalmatine

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (60/40)
 $\text{CO}_2/\text{CH}_3\text{OH}$ + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 220 nm
k': 4.78
 α : 1.54
Catalog #: 1-780101-300



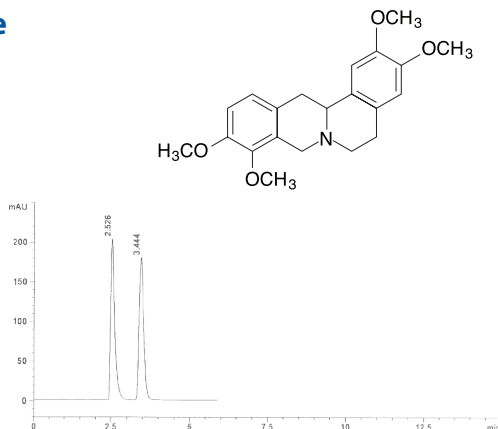
Tetrahydropalmatine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/Ethanol
Flow Rate: 1.0 mL/min
Detection: UV 280 nm
k': 1.39
 α : 1.94
CAS #: 10097-84-4
Catalog #: 1-783104-300



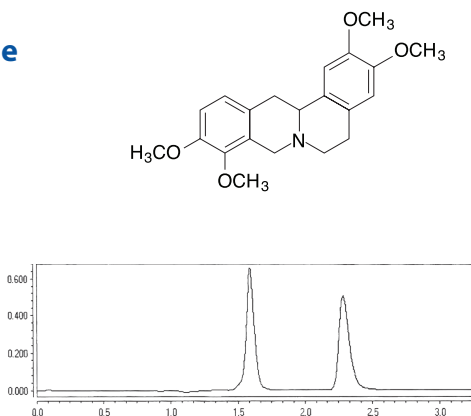
Tetrahydropalmatine

Column: RegisPack,
3 μ m, 15 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/Ethanol
+ 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 280 nm
k': 1.18
 α : 1.67
Catalog #: 1-783503-300



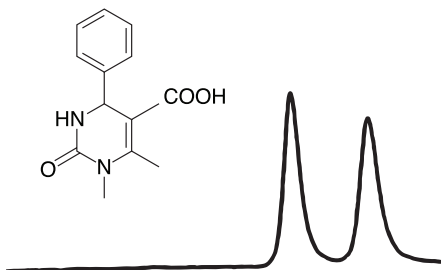
Tetrahydropalmatine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (70/30)
CO₂/Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 280 nm
k': 1.12
 α : 1.84
Catalog #: 1-783104-300



Tetrahydropyrimidine Carboxylic Acid

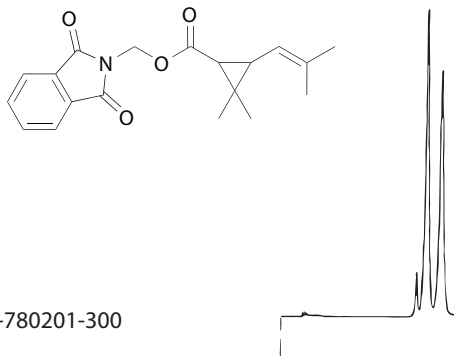
Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Heptane/IPA + 0.1% TFA
Flow Rate: 1.0 mL/min
Detection: UV 215 nm
Run Time: 14 min
k': 3.38
 α : 1.21
Reference: 43
Catalog #: 1-787100-300



Tetramethrin

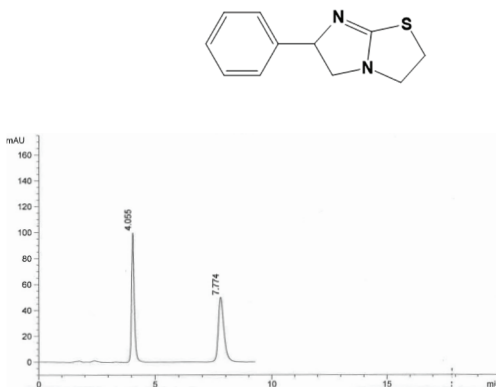
Insecticide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98/2)
Hexane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 22 min
k': 11.77
 α : 1.12
Catalog #: 1-780101-300, 1-780201-300



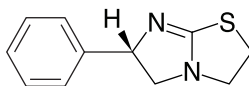
Tetramisole

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (50/50)
Hexane/Ethanol
+ 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.10
 α : 2.75
Catalog #: 1-780101-300



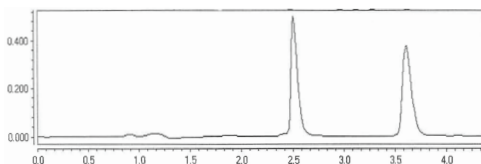
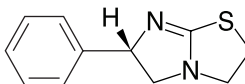
Tetramisole

Column: (R,R) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (40/40/20)
CH₂Cl₂/Hexane/Ethanol
+ 0.01 M Ammonium Acetate
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 7.0 min
k': 0.52
 α : 2.84
Catalog #: 1-780201-300



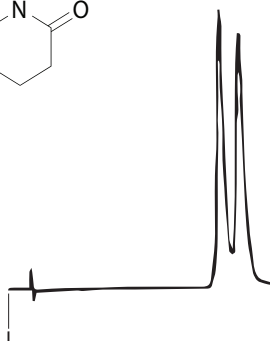
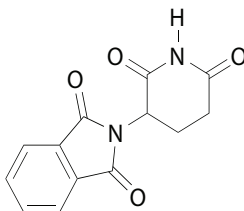
Tetramisole

Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (65/35)
CO₂/CH₃OH + .5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 2.34
 α : 1.63
Catalog #: 1-780101-300



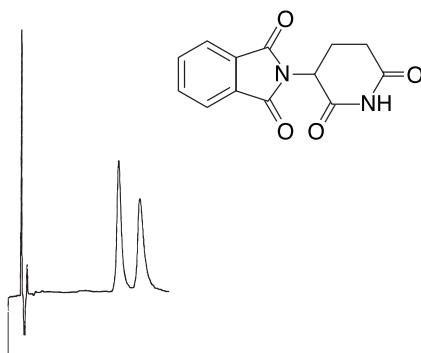
Thalidomide

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (63/37)
H₂O/MeOH + 0.1% HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 33 min
k': 10.19
 α : 1.10
Catalog #: 1-780101-300,
1-780201-300



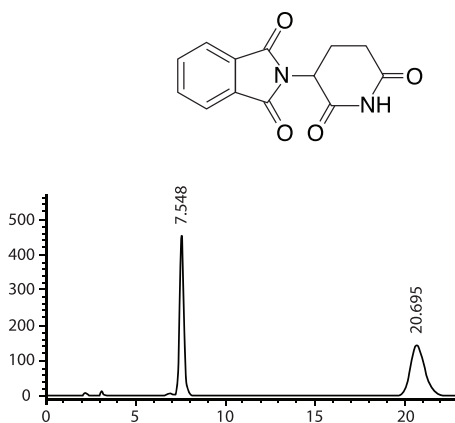
Thalidomide

Column: (R,R) ULMO,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
+ 0.1% Acetic Acid
Flow Rate: 1.0 mL/min
Detection: UV 220 nm
Run Time: 28.0 min
k': 7.71
 α : 1.22
Catalog #: 1-787200-300



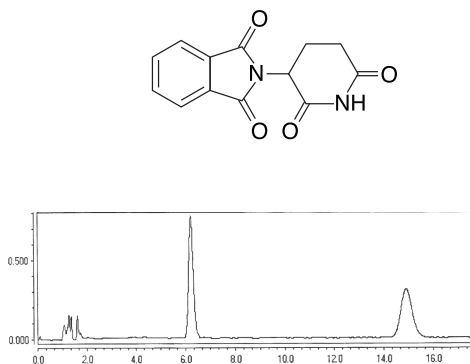
Thalidomide

Column: RegisPack ,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: 100%
Methanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 2.97
 α : 1.33
CAS #: 50-35-1
Catalog #: 1-783104-300



Thalidomide

Column: RegisPack,
5 μ m, 25 cm x 4.6. mm
Mobile Phase: (55/45)
CO₂/CH₃OH
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 124 bar
Detection: UV 220 nm
k': 7.28
 α : 2.59
Catalog #: 1-783104-300



1,3-Thiazole

N~1~-1,3-thiazol-2-yl-*N*~2~-(2-thienylcarbonyl)valinamide

Column: (S,S) Whelk-O 1, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (75/25)

CO₂/IPA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

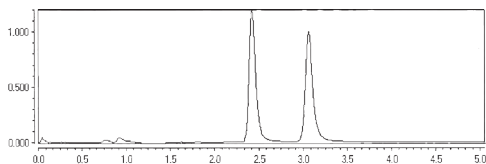
Detection: UV 220 nm

k': 2.23

k': 3.09

α : 1.39

Catalog #: 1-780101-300



1,3-Thiazole

N~1~-1,3-thiazol-2-yl-*N*~2~-(2-thienylcarbonyl)valinamide

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

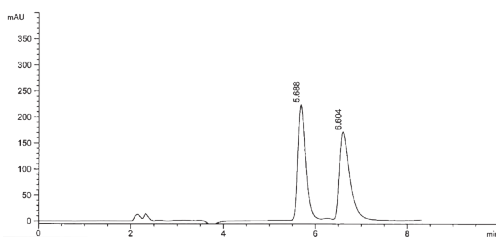
Detection: UV 220 nm

k': 1.99

k': 2.47

α : 1.24

Catalog #: 1-783104-300



1,3-Thiazole

N~1~-1,3-thiazol-2-yl-*N*~2~-(2-thienylcarbonyl)valinamide

Column: RegisPack, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (65/35)

CO₂/IPA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 124 bar

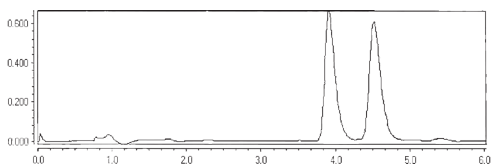
Detection: UV 220 nm

k': 4.21

k': 5.03

α : 1.19

Catalog #: 1-783104-300



1,3-Thiazole

N-1~1,3-thiazol-2-yl-*N*-2~-(2-thienylcarbonyl)valinamide

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (96/4)

Hexane/IPA

Flow Rate: 1.5 mL/min

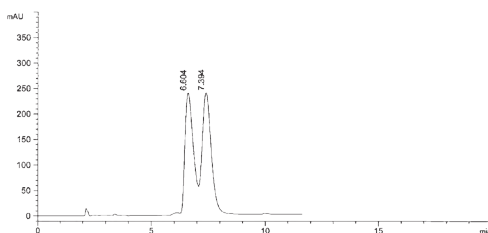
Detection: UV 220 nm

k': 2.47

k': 2.89

α : 1.17

Catalog #: 1-784104-300



1,3-Thiazole

ethyl (2-[[2-(4-methoxyphenoxy)propanoyl]amino]-1,3-thiazol-4-yl)acetate

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (50/50)

Hexane/IPA

Flow Rate: 1.5 mL/min

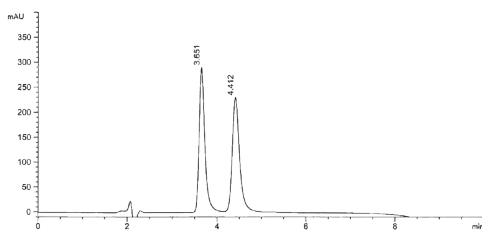
Detection: UV 220 nm

k': 0.92

k': 1.32

α : 1.43

Catalog #: 1-780101-300



1,3-Thiazole

ethyl (2-[[2-(4-methoxyphenoxy)propanoyl]amino]-1,3-thiazol-4-yl)acetate

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (50/50)

Hexane/IPA + 0.1% Acetic Acid

Flow Rate: 1.5 mL/min

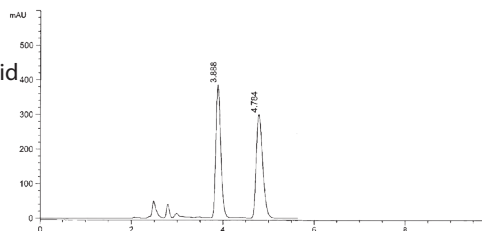
Detection: UV 220 nm

k': 1.97

α : 3.44

CAS #: 846-50-4

Catalog #: 1-783104-300



1,3-Thiazole

ethyl (2-[[2-(4-methoxyphenoxy)propanoyl]amino]-1,3-thiazol-4-yl)acetate

Column: RegisPack, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

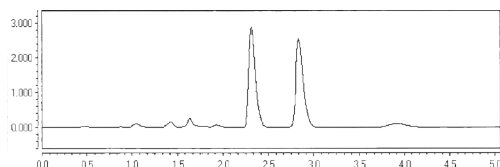
Detection: UV 220 nm

k'₁: 2.09

k'₂: 2.77

α : 1.33

Catalog #: 1-783104-300



1,3-Thiazole

ethyl {2-[(2-phenoxybutanoyl)amino]-1,3-thiazol-4-yl}acetate

Column: (S,S) Whelk-O 1, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

CO₂/IPA + 0.2% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 124 bar

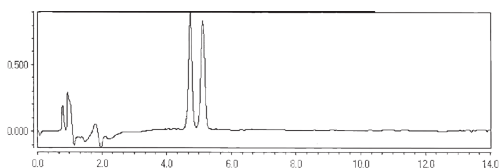
Detection: UV 220 nm

k'₁: 5.31

k'₂: 5.81

α : 1.09

Catalog #: 1-780101-300



1,3-Thiazole

ethyl {2-[(2-phenoxybutanoyl)amino]-1,3-thiazol-4-yl}acetate

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

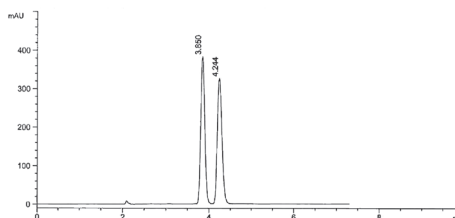
Detection: UV 220 nm

k'₁: 1.03

k'₂: 1.23

α : 1.19

Catalog #: 1-783104-300



1,3-Thiazole

ethyl {2-[(2-phenoxybutanoyl)amino]-1,3-thiazol-4-yl}acetate

Column: RegisPack, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (87/13)

CO₂/Ethanol + 0.2% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

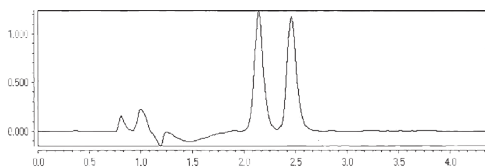
Detection: UV 220 nm

k'₁: 1.85

k'₂: 2.28

α : 1.23

Catalog #: 1-783104-300



1,3-Thiazole

ethyl {2-[(2-phenoxybutanoyl)amino]-1,3-thiazol-4-yl}acetate

Column: RegisCell,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

Flow Rate: 1.5 mL/min

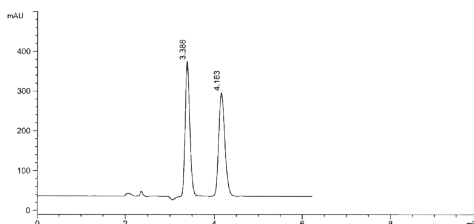
Detection: UV 220 nm

k'₁: 0.78

k'₂: 1.19

α : 1.53

Catalog #: 1-784104-300



1,3-Thiazole

2-(4-bromophenoxy)-N-1,3-thiazol-2-ylpropanamide

Column: (S,S) Whelk-O 1,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/IPA

Flow Rate: 1.5 mL/min

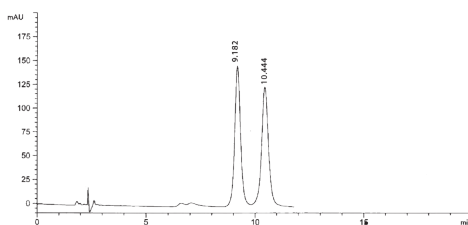
Detection: UV 220 nm

k'₁: 3.83

k'₂: 4.49

α : 1.17

Catalog #: 1-780101-300



1,3-Thiazole

2-(4-bromophenoxy)-N-1,3-thiazol-2-ylpropanamide

Column: (S,S) Whelk-O 1, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

CO₂/IPA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

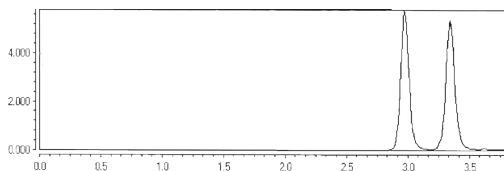
Detection: UV 254 nm

k'₁: 2.96

k'₂: 3.47

α : 1.17

Catalog #: 1-780101-300



1,3-Thiazole

2-(4-bromophenoxy)-N-1,3-thiazol-2-ylpropanamide

Column: RegisPack, 5 μm ,
25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

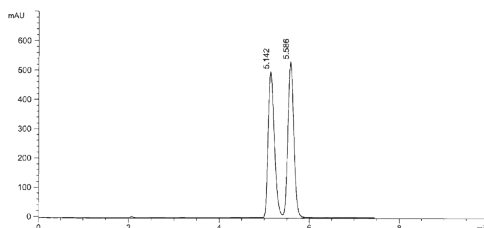
Detection: UV 220 nm

k'₁: 2.54

k'₂: 2.85

α : 1.12

Catalog #: 1-783104-300



1,3-Thiazole

2-(4-bromophenoxy)-N-1,3-thiazol-2-ylpropanamide

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

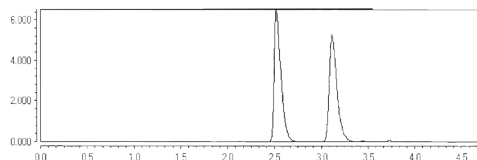
Detection: UV 254 nm

k'₁: 2.36

k'₂: 3.16

α : 1.34

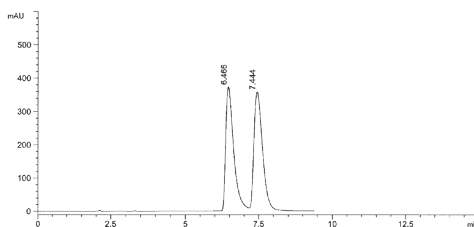
Catalog #: 1-783104-300



1,3-Thiazole

2-(4-bromophenoxy)-N-1,3-thiazol-2-ylpropanamide

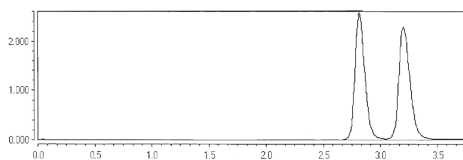
Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k'₁: 2.41
k'₂: 2.92
 α : 1.21
Catalog #: 1-784104-300



1,3-Thiazole

2-(4-bromophenoxy)-N-1,3-thiazol-2-ylpropanamide

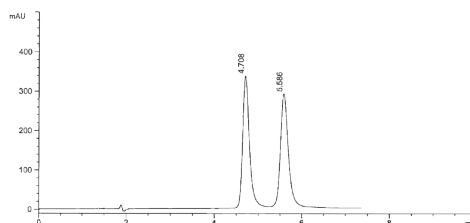
Column: RegisCell, 5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
CO₂/IPA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 124 bar
Detection: UV 254 nm
k'₁: 2.76
k'₂: 3.28
 α : 1.19
Catalog #: 1-784104-300



1,3-Thiazole

ethyl (2-([2-(4-bromophenoxy)propanoyl]amino)-1,3-thiazol-4-yl)acetate

Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/IPA
Flow Rate: 2.0 mL/min
Detection: UV 220 nm
k'₁: 2.25
k'₂: 2.85
 α : 1.27
Catalog #: 1-780101-300



1,3-Thiazole

ethyl (2-[[2-(4-bromophenoxy)propanoyl]amino]-1,3-thiazol-4-yl)acetate

Column: (S,S) Whelk-O 1, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15)

CO₂/IPA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

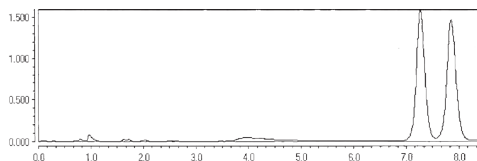
Detection: UV 220 nm

k': 8.69

k': 9.48

α : 1.09

Catalog #: 1-780101-300



1,3-Thiazole

ethyl (2-[[2-(4-bromophenoxy)propanoyl]amino]-1,3-thiazol-4-yl)acetate

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

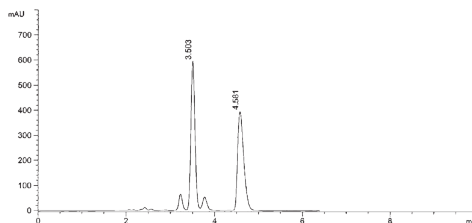
Detection: UV 220 nm

k': 0.84

k': 1.41

α : 1.68

Catalog #: 1-783104-300



1,3-Thiazole

ethyl (2-[[2-(4-bromophenoxy)propanoyl]amino]-1,3-thiazol-4-yl)acetate

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25) CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 124 bar

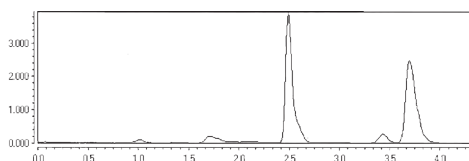
Detection: UV 220 nm

k': 2.32

k': 3.93

α : 1.69

Catalog #: 1-783104-300



1,3-Thiazole

3-(4-chlorobenzyl)-1-(1,3-thiazol-2-yl)-2,5-pyrrolidinedione

Column: (S,S) Whelk-O 1,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

Hexane/IPA

Flow Rate: 2.0 mL/min

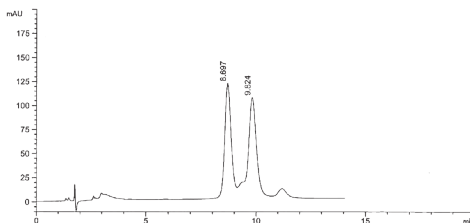
Detection: UV 220 nm

k'₁: 5.00

k'₂: 5.78

α : 1.16

Catalog #: 1-780101-300



1,3-Thiazole

3-(4-chlorobenzyl)-1-(1,3-thiazol-2-yl)-2,5-pyrrolidinedione

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (65/35)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

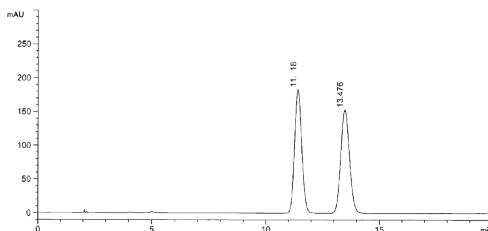
Detection: UV 220 nm

k'₁: 5.01

k'₂: 6.09

α : 1.22

Catalog #: 1-783104-300



1,3-Thiazole

3-(4-chlorobenzyl)-1-(1,3-thiazol-2-yl)-2,5-pyrrolidinedione

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30) CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 126 bar

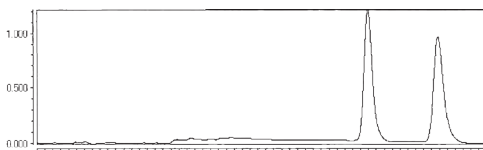
Detection: UV 220 nm

k'₁: 8.33

k'₂: 10.29

α : 1.24

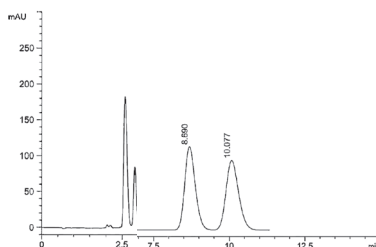
Catalog #: 1-783104-300



1,3-Thiazole

3-(4-chlorobenzyl)-1-(1,3-thiazol-2-yl)-2,5-pyrrolidinedione

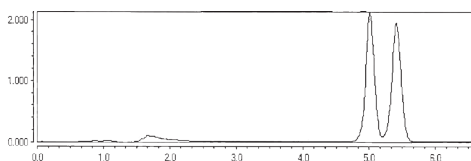
Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (50/50)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k'₁: 3.57
k'₂: 4.31
 α : 1.21
Catalog #: 1-784104-300



1,3-Thiazole

3-(4-chlorobenzyl)-1-(1,3-thiazol-2-yl)-2,5-pyrrolidinedione

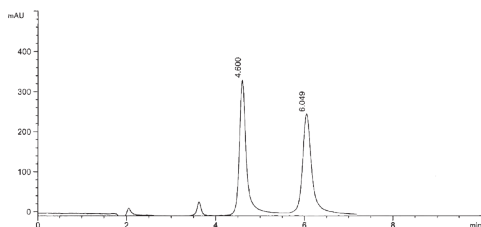
Column: RegisCell, 5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20) CO₂/Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 124 bar
Detection: UV 220 nm
k'₁: 5.68
k'₂: 6.21
 α : 1.09
Catalog #: 1-784104-300



1,3-Thiazole

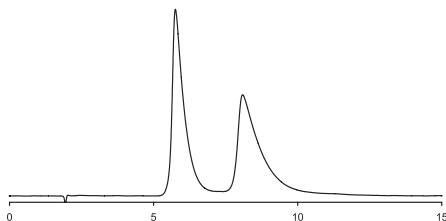
4-benzoyl-5-(3,4-dimethoxyphenyl)-3-hydroxy-1-(1,3-thiazol-2-yl)-1,5-dihydro-2H-pyrrrol-2-one

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100%
Methanol + 0.1% TEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k'₁: 1.27
k'₂: 2.18
 α : 1.72
Catalog #: 1-780101-300



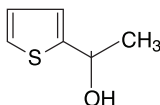
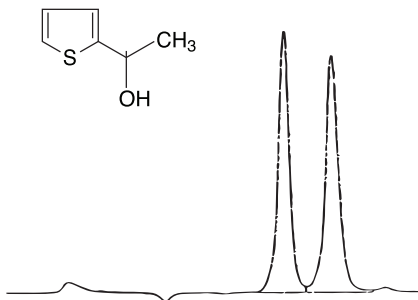
DL- Thienylalnine

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (30/70)
0.01% Phosphoric Acid/MeOH
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Temperature: 0 °C
k': 1.96
 α : 1.61
Catalog #: 1-788001-300



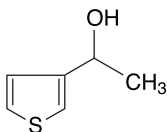
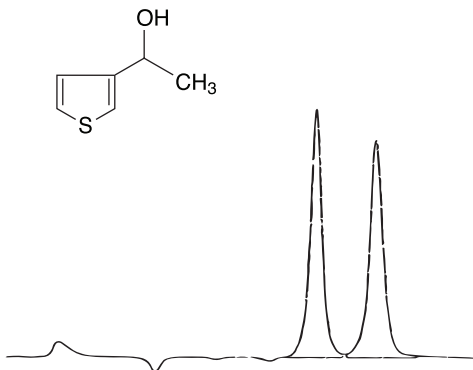
2-Thiopheneethanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98.5/1.5)
n-Heptane/1,2-Dimethoxyethane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 10.5 min
k': 2.21
 α : 1.12
Reference: 55
Catalog #: 1-787100-300



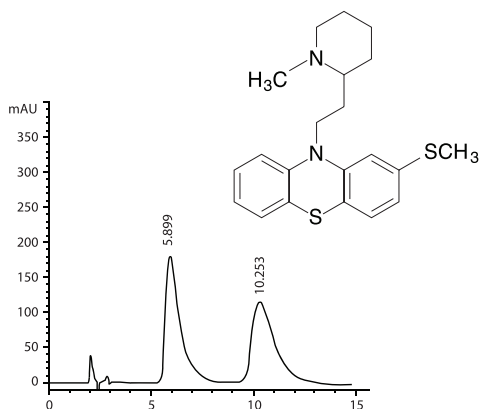
3-Thiopheneethanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98.5/1.5)
n-Heptane/1,2-Dimethoxyethane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 11.5 min
k': 2.42
 α : 1.13
Reference: 55
Catalog #: 1-787100-300



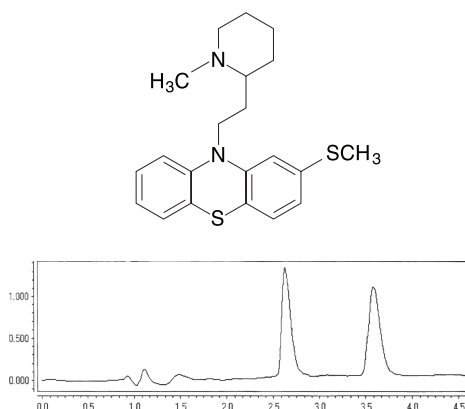
Thioridazine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.11
 α : 2.08
CAS #: 50-52-2
Catalog #: 1-783104-300



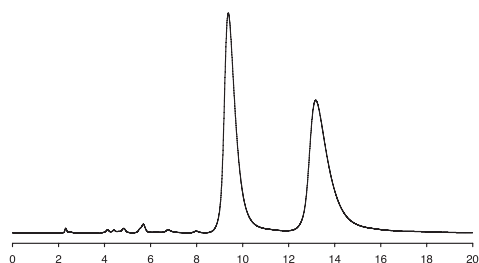
Thioridazine

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (70/30)
CO₂/Ethanol + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 124 bar
Detection: UV 220 nm
k': 2.50
 α : 1.51
Catalog #: 1-783104-300



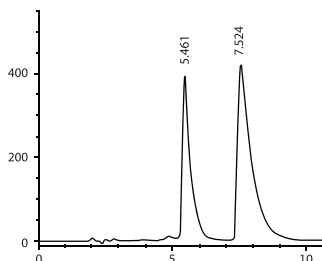
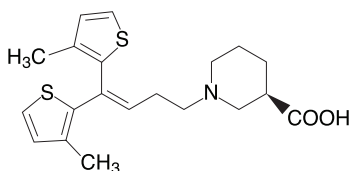
DL-Thr

Column: ChiroSil ME RCA(+),
5 μ m, 15 cm x 4.6 mm
Mobile Phase: (50/50)
5 mM HClO₄ Acid/MeOH
Flow Rate: 0.5 mL/min
Detection: UV 210 nm
Temperature: 20 °C
k': 1.47
 α : 1.68
Rs: 5.45
Catalog #: 1-788001-300



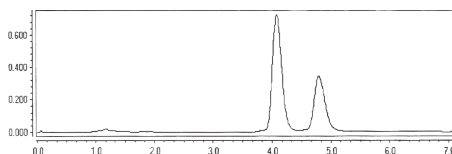
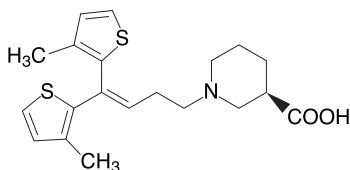
Tiagabine

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.87
 α : 1.58
CAS #: 115103-54-3
Catalog #: 1-784104-300



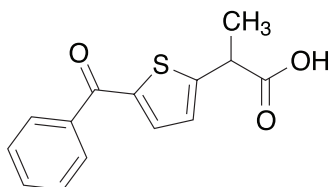
Tiagabine

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (85/15)
CO₂/CH₃OH + 0.5% DEA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 4.44
 α : 1.22
Catalog #: 1-784104-300



Tiaprofenic Acid

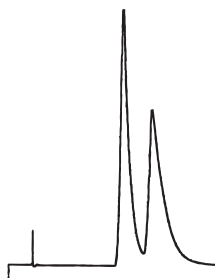
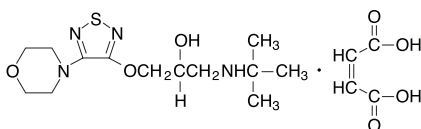
Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA, 1 g/L NH_4OAc
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 2.02
 α : 1.09
Reference: 4
Catalog #: 1-780101-300,
1-780201-300



No chromatogram available.

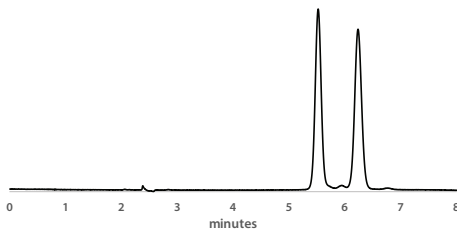
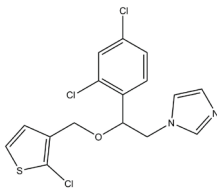
Timolol Maleate

Column: (3R,4S) Pirkle 1-J,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (94/3/3)
CH₂Cl₂/Ethanol/IPA
+ 0.01M Ammonium Acetate
Flow Rate: 1.0 mL/min
Detection: UV 294 nm
Run Time: 16.0 min
k': 3.72
 α : 1.33
Catalog #: 1-731044-300



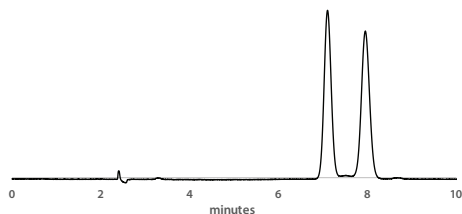
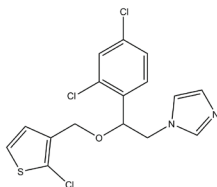
Tioconazole

Column: Reflect C-Cellulose B,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20/0.1)
Hexnae/Ethanol/DEA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.76
 α : 1.20
CAS #: 65899-73-2
Catalog #: 1-590204-300



Tioconazole

Column: Reflect I-Cellulose B,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20/0.1)
Hexane/Ethanol/Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 2.53
 α : 1.17
CAS #: 65899-73-2
Catalog #: 1-592204-300



Tioconazole

Column: Reflect I-Cellulose C,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

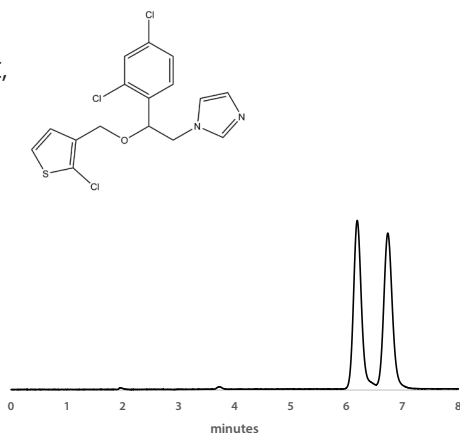
Detection: UV 254 nm

k': 2.09

α : 1.13

CAS #: 65899-73-2

Catalog #: 1-593204-300



Tioconazole

Column: Reflect I-Cellulose J,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

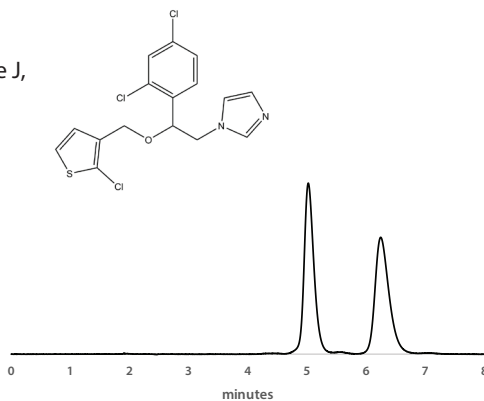
Detection: UV 254 nm

k': 1.50

α : 1.41

CAS #: 65899-73-2

Catalog #: 1-594204-300



Tioconazole

Column: Reflect I-Cellulose J,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10) CO₂/

Methanol+0.2% DEA

Flow Rate: 3.0 mL/min

Temperature: 40 °C

Pressure: 150 bar

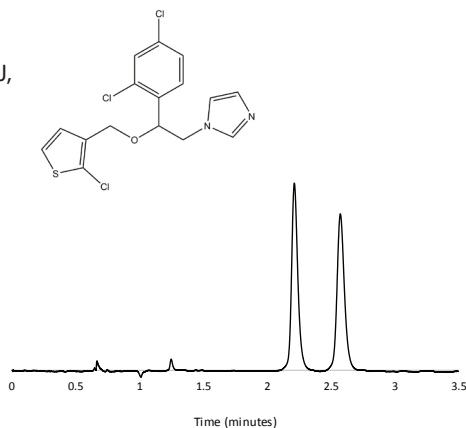
Detection: UV 210 nm

k': 1.20

α : 1.30

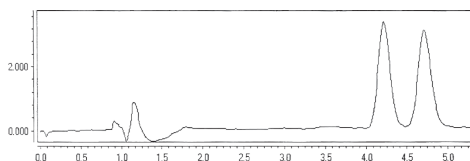
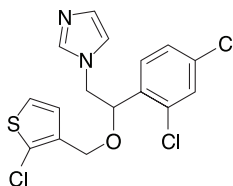
CAS #: 65899-73-2

Catalog #: 1-594204-300



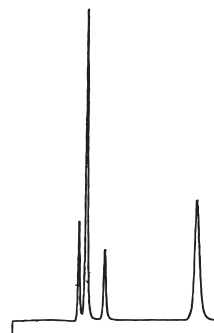
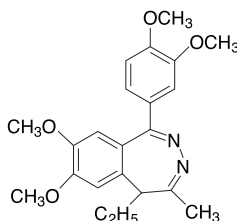
Tioconazole

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
 $\text{CO}_2/\text{IPA} + 0.5\% \text{ DEA}$
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 220 nm
k': 4.63
 α : 1.14
CAS #: 65899-73-2
Catalog #: 1-784104-300



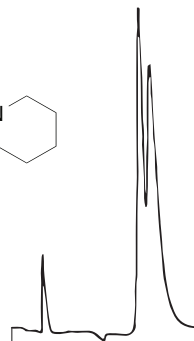
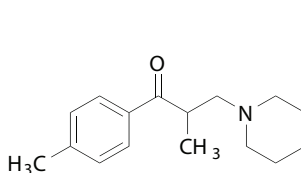
Tofisopam and its Conformers

Column: (R,R) β -Gem 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
Hexane/Ethanol + 0.1% TEA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 25.0 min
k': 2.66
 α : 3.13
Catalog #: 1-731043-300



Tolperisone

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (99/1)
Hexane/IPA + 0.1 % TEA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 18 min
k': 4.81
 α : 1.10
Catalog #: 1-780101-300,
1-780201-300



Tolperisone

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (96/4)

Hexane/Ethanol + 0.1% TFA

Flow Rate: 2.0 mL/min

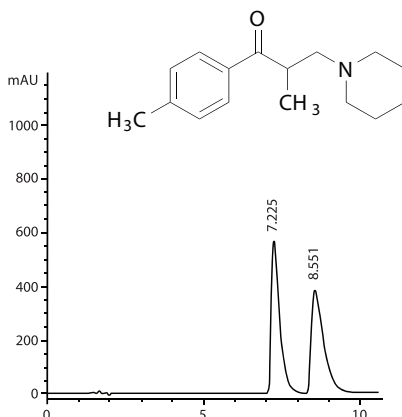
Detection: UV 254 nm

k': 3.98

α : 1.23

CAS #: 728-88-1

Catalog #: 1-783104-300



1-Tosyl-2-Phenylaziridine

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

Flow Rate: 2.0 mL/min

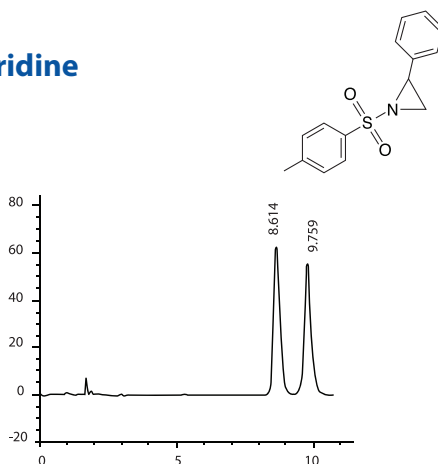
Detection: UV 254 nm

k': 4.94

α : 1.16

CAS #: 24395-14-0

Catalog #: 1-780101-300,
1-780201-300



Triadimefon

Column: Reflect I-Amylose A,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10) CO₂/
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

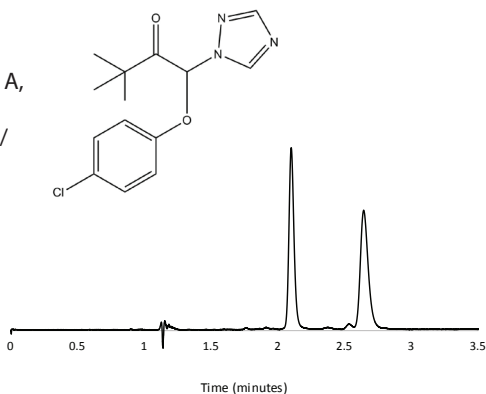
Detection: UV 210 nm

k': 1.10

α : 1.49

CAS #: 43121-43-3

Catalog #: 1-591204-300



Triadimefon

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

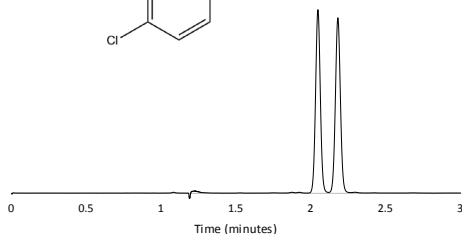
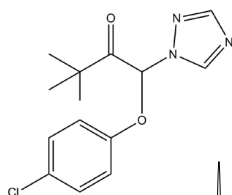
Detection: UV 210 nm

k' : 1.04

α : 1.13

CAS #: 43121-43-3

Catalog #: 1-592204-300



Triadimefon

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

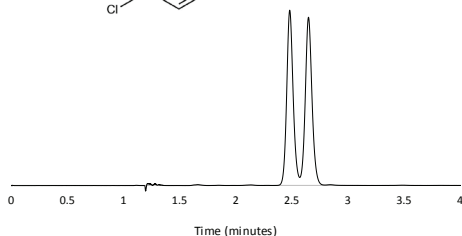
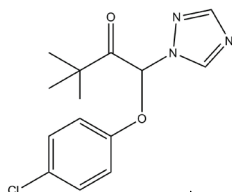
Detection: UV 210 nm

k' : 1.48

α : 1.11

CAS #: 43121-43-3

Catalog #: 1-593204-300



Triadimefon

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

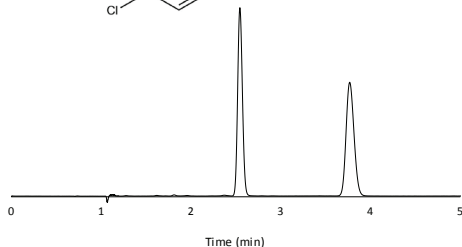
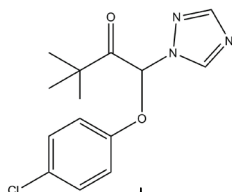
Detection: UV 210 nm

k' : 1.54

α : 1.79

CAS #: 43121-43-3

Catalog #: 1-580204-300



Triadimefon

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /IPA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

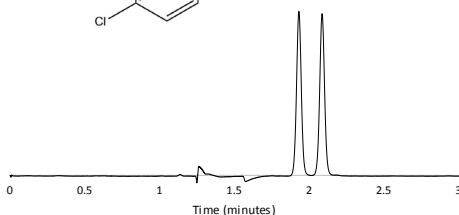
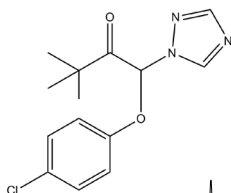
Detection: UV 210 nm

k' : 0.93

α : 1.17

CAS #: 43121-43-3

Catalog #: 1-590204-300



Triadimenol

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (95/5) CO_2 /IPA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

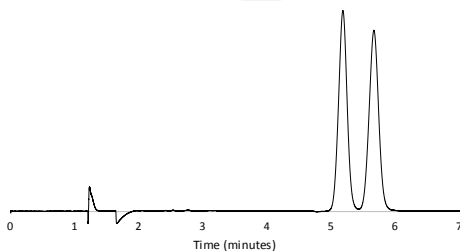
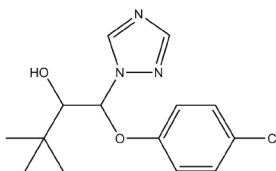
Detection: UV 210 nm

k' : 4.18

α : 1.12

CAS #: 43121-43-3

Catalog #: 1-592204-300



Triadimenol

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /IPA

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

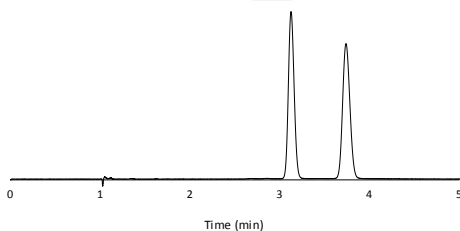
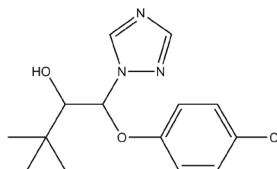
Detection: UV 210 nm

k' : 2.12

α : 1.29

CAS #: 43121-43-3

Catalog #: 1-580204-300



1,3,5-Triazines

methyl 2-[(6-[[4,6-bis(dimethylamino)-1,3,5-triazin-2-yl]oxy]-3-pyridazinyl)oxy]propanoate

Column: (S,S) Whelk-O 1,

5 µm, 25 cm x 4.6 mm

Mobile Phase: 100% Ethanol

Flow Rate: 1.0 mL/min

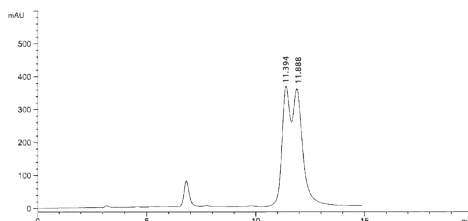
Detection: UV 220 nm

k': 2.93

k': 3.1

α: 1.06

Catalog #: 1-780101-300



1,3,5-Triazines

methyl 2-[(6-[[4,6-bis(dimethylamino)-1,3,5-triazin-2-yl]oxy]-3-pyridazinyl)oxy]propanoate

Column: RegisPack,

5 µm, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/IPA

Flow Rate: 1.5 mL/min

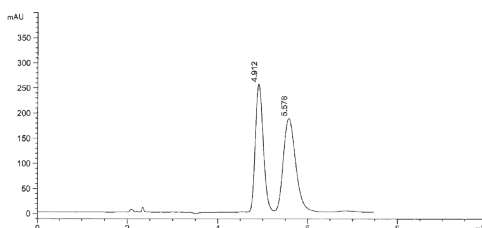
Detection: UV 220 nm

k': 1.58

k': 1.94

α: 1.23

Catalog #: 1-783104-300



1,3,5-Triazines

methyl 2-[(6-[[4,6-bis(dimethylamino)-1,3,5-triazin-2-yl]oxy]-3-pyridazinyl)oxy]propanoate

Column: RegisCell,

5 µm, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

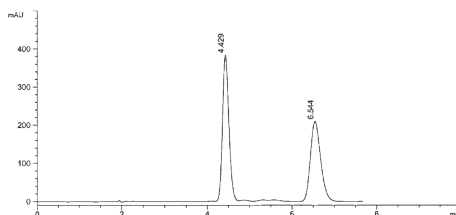
Detection: UV 220 nm

k': 1.33

k': 2.44

α: 1.83

Catalog #: 1-784104-300



1,3,5-Triazines

methyl 2-[(6-[[4,6-bis(dimethylamino)-1,3,5-triazin-2-yl]oxy]-3-pyridazinyl)oxy]propanoate

Column: RegisCell, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (85/15) CO_2 /IPA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 126 bar

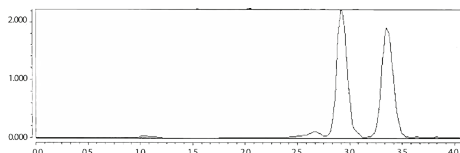
Detection: UV 220 nm

k': 2.89

k'': 3.48

α : 1.20

Catalog #: 1-784104-300



1,3,5-Triazines

ethyl 1-[(4-amino-6-[(2-methoxyphenyl)amino]-1,3,5-triazin-2-yl)methyl]-3-piperidinecarboxylate

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

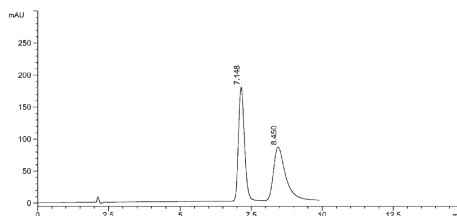
Detection: UV 220 nm

k': 2.76

k'': 3.45

α : 1.25

Catalog #: 1-783104-300



1,3,5-Triazines

ethyl 1-[(4-amino-6-[(4-methoxyphenyl)amino]-1,3,5-triazin-2-yl)methyl]-3-piperidinecarboxylate

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol + 0.1% DEA

Flow Rate: 1.5 mL/min

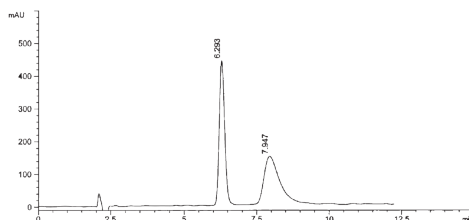
Detection: UV 220 nm

k': 2.31

k'': 3.18

α : 1.38

Catalog #: 1-783104-300



1,3,5-Triazines

ethyl 1-([4-amino-6-[(4-methoxyphenyl)amino]-1,3,5-triazin-2-yl)methyl]-3-piperidinecarboxylate

Column: RegisPack, 5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20) CO₂/Ethanol + 2% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 °C

Pressure: 125 bar

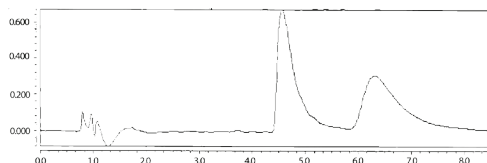
Detection: UV 220 nm

k': 5.09

k'': 7.43

α : 1.46

Catalog #: 1-783104-300



1,3,5-Triazines

N-(sec-butyl)-6-[(6-ethoxy-3-pyridazinyl)oxy]-N'-ethyl-1,3,5-triazine-2,4-diamine

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

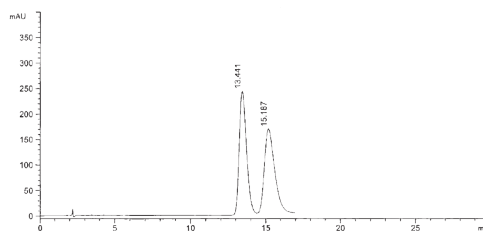
Detection: UV 220 nm

k': 6.07

k'': 6.99

α : 1.15

Catalog #: 1-783104-300



1,3,5-Triazines

ethyl 1-([4-amino-6-[(4-methylphenyl)amino]-1,3,5-triazin-2-yl)methyl]-3-piperidinecarboxylate

Column: RegisPack,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

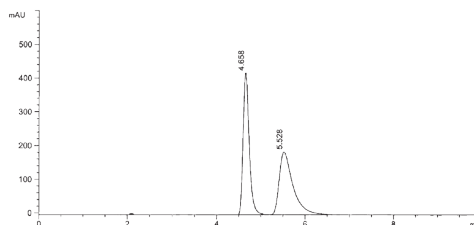
Detection: UV 220 nm

k': 1.45

k'': 1.91

α : 1.32

Catalog #: 1-783104-300



1,3,5-Triazines

ethyl 1-([4-amino-6-[(4-methylphenyl)amino]-1,3,5-triazin-2-yl)methyl]-3-piperidinecarboxylate

Column: RegisPack, 5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) CO_2 /IPA + 2% DEA

Flow Rate: 4.0 mL/min

Temperature: 40 $^\circ\text{C}$

Pressure: 125 bar

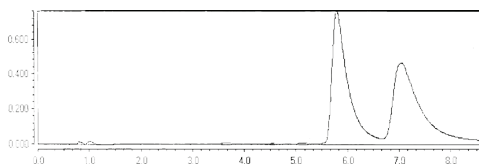
Detection: UV 254 nm

k': 6.73

k': 8.40

α : 1.25

Catalog #: 1-783104-300



1,3,5-Triazines

ethyl 1-([4-amino-6-[(4-methylphenyl)amino]-1,3,5-triazin-2-yl)methyl]-3-piperidinecarboxylate

Column: RegisCell,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/IPA + 0.1% DEA

Flow Rate: 1.5 mL/min

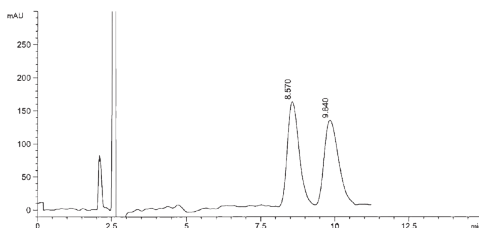
Detection: UV 220 nm

k': 3.51

k': 4.18

α : 1.19

Catalog #: 1-784104-300



Trichlorfon

Column: Reflect I-Cellulose B,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

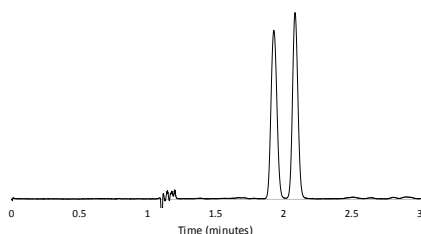
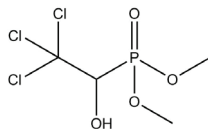
Detection: UV 210 nm

k': 0.92

α : 1.17

CAS #: 52-68-6

Catalog #: 1-592204-300



Trichlorfon

Column: Reflect C-Amylose A,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10) CO₂/IPA

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

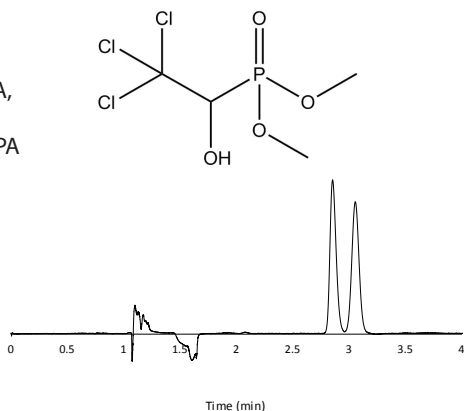
Detection: UV 210 nm

k': 1.85

α : 1.11

CAS #: 52-68-6

Catalog #: 1-580204-300



Trichlorfon

Column: Reflect C-Cellulose B,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5) CO₂/Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 °C

Pressure: 150 bar

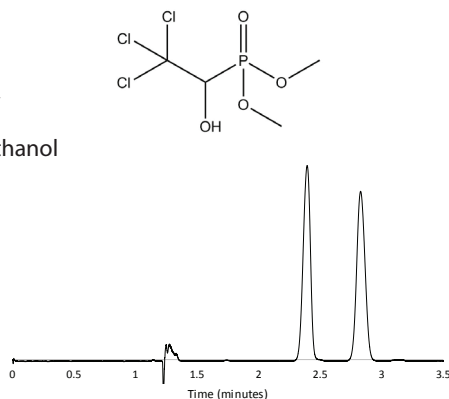
Detection: UV 210 nm

k': 1.39

α : 1.31

CAS #: 52-68-6

Catalog #: 1-590204-300



Trichlormethiazide

Column: (R,R) ULMO,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (75/25)
Hexane/IPA

+ 0.1% Acetic Acid

Flow Rate: 1.5 mL/min

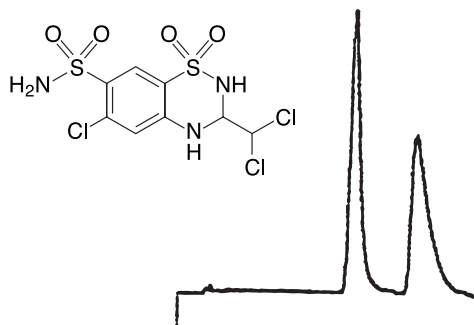
Detection: UV 254 nm

Run Time: 15.0 min

k': 5.16

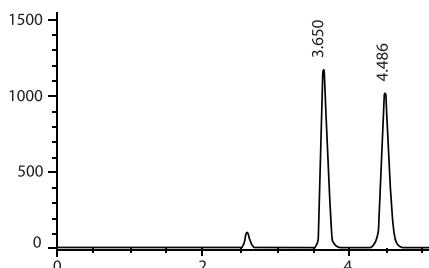
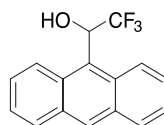
α : 1.43

Catalog #: 1-787200-300



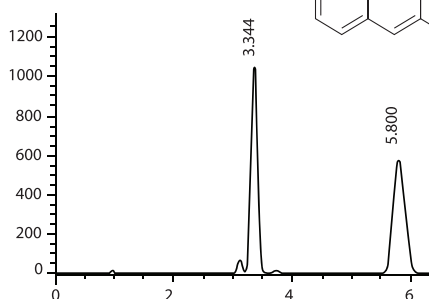
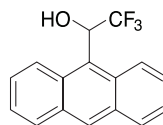
2,2,2-Trifluoro-1-(9-anthryl)-ethanol

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 0.92
 α : 1.48
CAS #: 60686-64-8
Catalog #: 1-783104-300



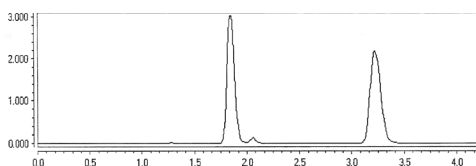
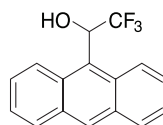
2,2,2-Trifluoro-1-(9-anthryl)-ethanol

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/IPA
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 0.76
 α : 2.70
CAS #: 60686-64-8
Catalog #: 1-784104-300



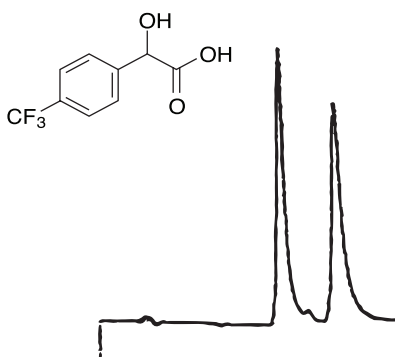
2,2,2-Trifluoro-1-(9-anthryl)-ethanol

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
 CO_2 /IPA
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 124 bar
Detection: UV 254 nm
k': 1.46
 α : 2.27
Catalog #: 1-784104-300



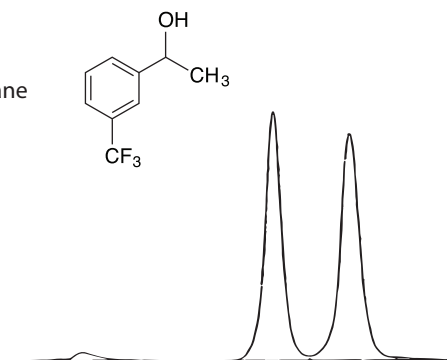
4-(Trifluoromethyl)mandelic Acid

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (92/8)
Hexane/Ethanol
+ 0.01 M Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 11.0 min
k': 3.59
 α : 1.40
Catalog #: 1-780101-300



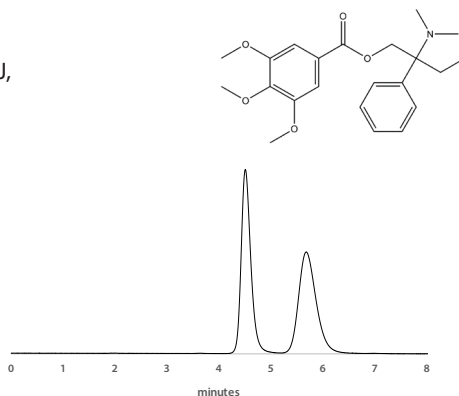
1-(m-Trifluoromethylphenyl) Ethanol

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (98.5/1.5)
n-Heptane/1,2-Dimethoxyethane
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 9.0 min
k': 1.66
 α : 1.14
Reference: 55
Catalog #: 1-787100-300



Trimebutine

Column: Reflect I-Cellulose J,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
k': 1.25
 α : 1.47
CAS #: 39133-31-8
Catalog #: 1-594204-300



Trimebutine

Column: Reflect C-Amylose A,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (97/3/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

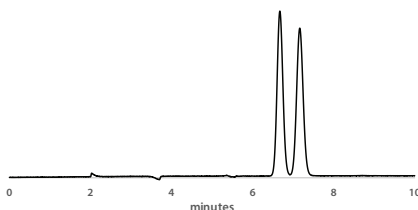
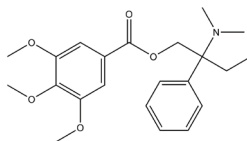
Detection: UV 254 nm

k'₁: 2.33

α : 1.11

CAS #: 39133-31-8

Catalog #: 1-580204-300



1,1,2-Triphenyl-1,2-Ethanediol

Column: (S,S) ULMO,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (99/1)

Heptane/IPA

Flow Rate: 1.0 mL/min

Detection: UV 215 nm

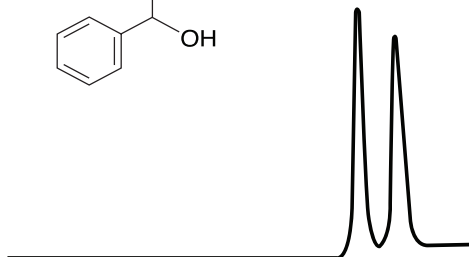
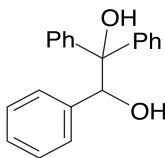
Run Time: 13 min

k'₁: 2.59

α : 1.14

Reference: 43

Catalog #: 1-787200-300



1,3,5-Triphenylpent-4-yn-1-one

Column: (S,S) ULMO,

5 μm , 25 cm x 4.6 mm

Mobile Phase: 100%

Hexane + 0.5% IPA

Flow Rate: 1.0 mL/min

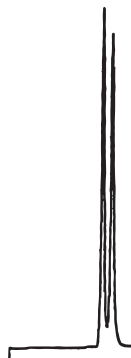
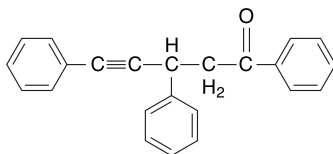
Detection: UV 254 nm

Run Time: 6.5 min

k'₁: 1.19

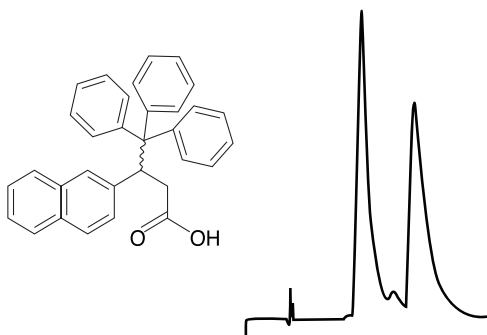
α : 1.19

Catalog #: 1-787100-300



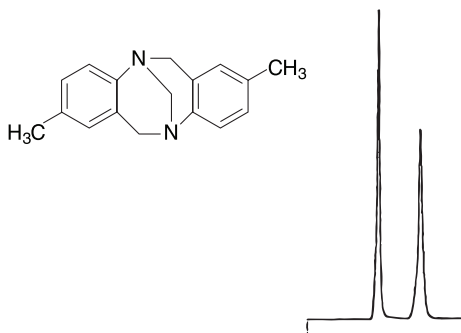
α -Trityl-2-naphthalene Propionic Acid

Column: (R,R) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (97/3)
Heptane/IPA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 10.0 min
k': 1.57
 α : 1.79
Catalog #: 1-787200-300



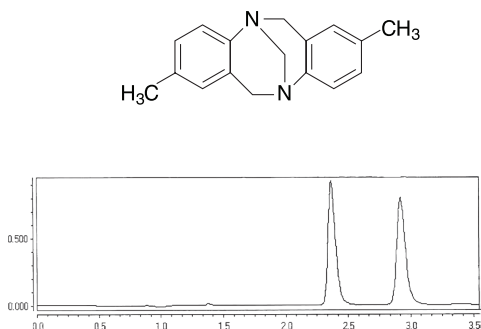
Troger's Base

Column: (R,R) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (96/4)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 10.0 min
k': 2.52
 α : 1.80
Catalog #: 1-786515-300



Troger's Base

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
 CO_2 /Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
k': 2.13
 α : 1.34
Catalog #: 1-780101-300



Troger's Base

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

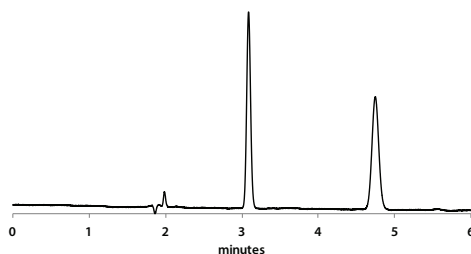
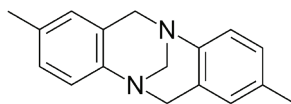
Detection: UV 220 nm

k': 0.54

α : 2.53

CAS #: 529-81-7

Catalog #: 1-580204-300



Troger's Base

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20) Hexane/
Ethanol

Flow Rate: 1.5 mL/min

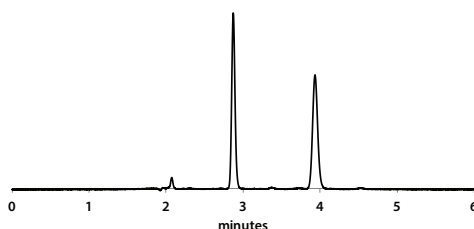
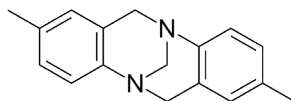
Detection: UV 220 nm

k': 0.44

α : 2.21

CAS #: 529-81-7

Catalog #: 1-591204-300



Troger's Base

Column: RegisPack,

5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

CO₂/Ethanol

Flow Rate: 4.0 mL/min

Temperature: 40 °C

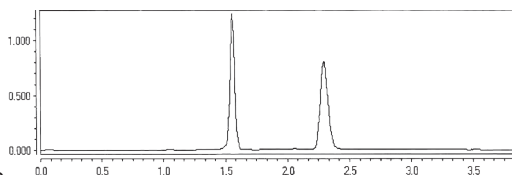
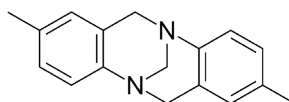
Pressure: 125 bar

Detection: UV 254 nm

k': 1.08

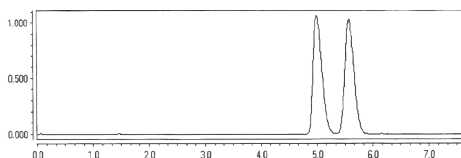
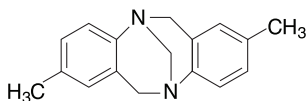
α : 1.91

Catalog #: 1-783104-300



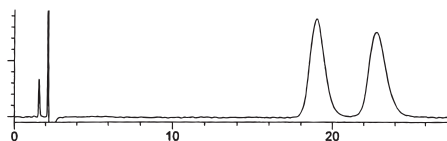
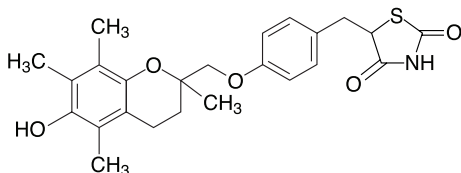
Troger's Base

Column: RegisCell,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/5)
CO₂/Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 5.66
 α : 1.14
Catalog #: 1-784104-300



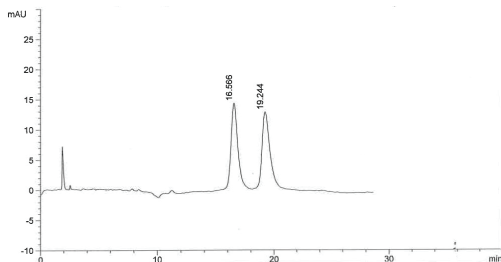
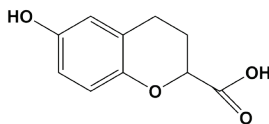
Troglitazone

Column: (S,S) Whelk-O 1,
10 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA
+ 0.1% Acetic Acid
Flow Rate: 2.0 mL/min
Detection: UV 220 nm
k': 13.05
 α : 1.22
Catalog #: 1-786615-300



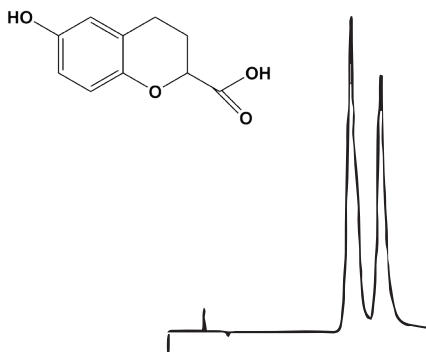
Trolox

Column: (S,S) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/Ethanol + 0.1 %
DEA + 0.1% Acetic Acid
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
k': 7.58
 α : 1.18
Catalog #: 1-780101-300



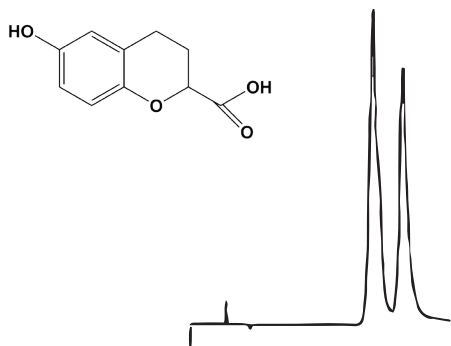
Trolox

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA + 0.1 % HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 19 min
k': 5.09
 α : 1.21
Catalog #: 1-780101-300,
1-780201-300



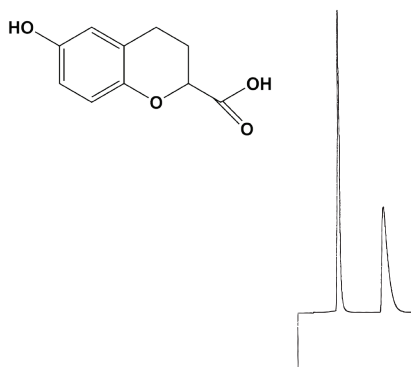
Trolox

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA + 0.1 % HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 19 min
k': 5.09
 α : 1.21
Catalog #: 1-780101-300,
1-780201-300



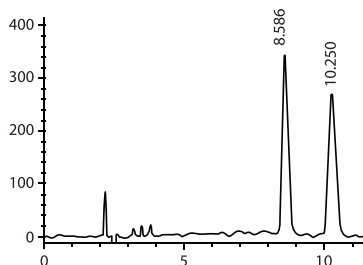
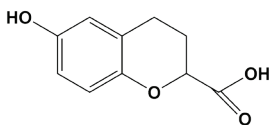
Trolox

Column: (R,R) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA
+ 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 280 nm
Run Time: 12.5 min
k': 2.18
 α : 2.68
Catalog #: 1-787200-300



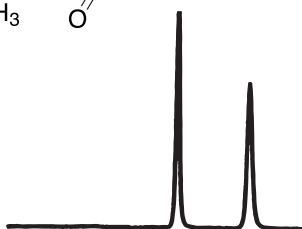
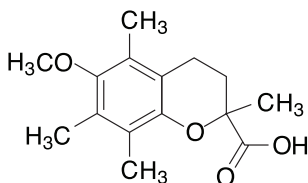
Trolox

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 3.45
 α : 1.25
CAS #: 53188-07-1
Catalog #: 1-783104-300



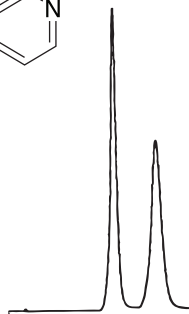
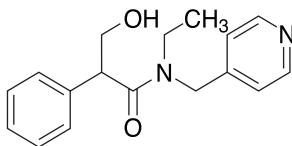
Trolox-methylether

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/IPA + 0.1% TFA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 6.0 min
k': 0.32
 α : 2.50
Reference: 43
Catalog #: 1-787100-300



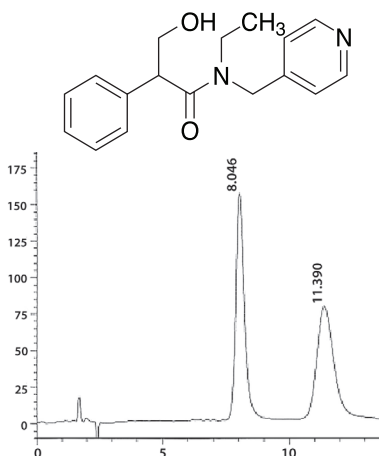
Tropicamide

Column: (R,R) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (75/25)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 13.9 min
k': 4.52
 α : 1.49
Catalog #: 1-786515-300



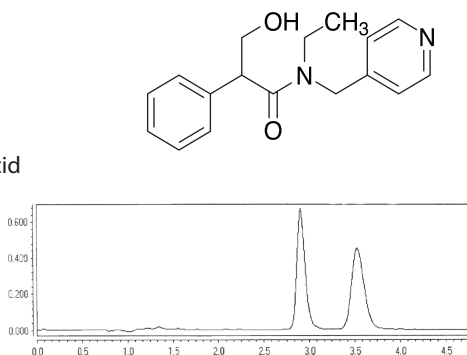
Tropicamide

Column: Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
Hexane/Ethanol
+ 0.1% Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 3.17
 α : 1.55
Catalog #: 1-780101-300,
1-780201-300



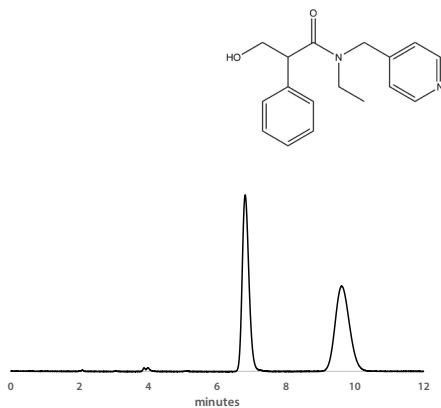
Tropicamide

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
CO₂/Ethanol + 0.5% Acetic Acid
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 2.88
 α : 1.29
Catalog #: 1-780101-300



Tropicamide

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 6.40
 α : 1.58
CAS #: 1508-75-4
Catalog #: 1-591204-300



Tropicamide

Column: Reflect C-Amylose A,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (85/15)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

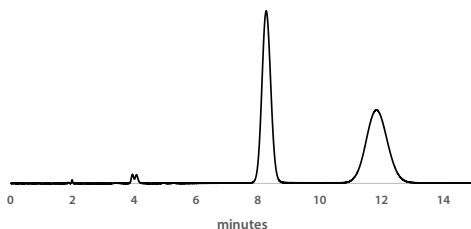
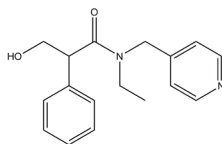
Detection: UV 220 nm

k': 3.12

α : 1.57

CAS #: 1508-75-4

Catalog #: 1-580204-300



Tropicamide

Column: Reflect I-Cellulose J,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (80/20)

Hexane/Ethanol

Flow Rate: 1.5 mL/min

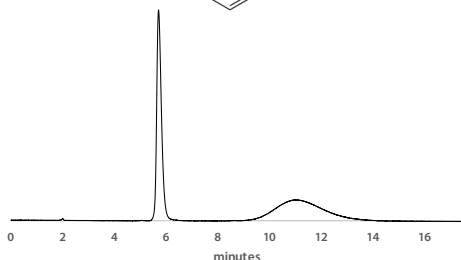
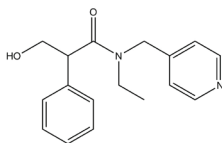
Detection: UV 220 nm

k': 1.85

α : 2.43

CAS #: 1508-75-4

Catalog #: 1-594204-300



Tropicamide

Column: Reflect I-Cellulose J,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10) CO₂/

Methanol

Flow Rate: 3.0 mL/min

Detection: UV 254 nm

Temperature: 40 °C

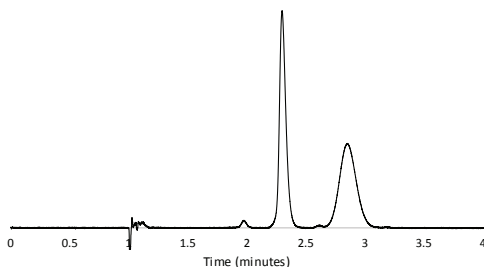
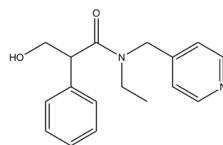
Pressure: 150 bar

k': 1.29

α : 1.43

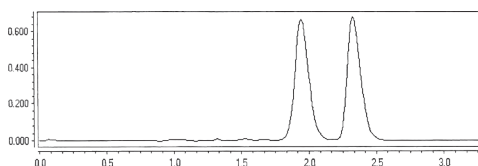
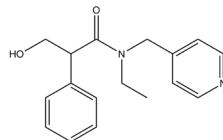
CAS #: 1508-75-4

Catalog #: 1-594204-300



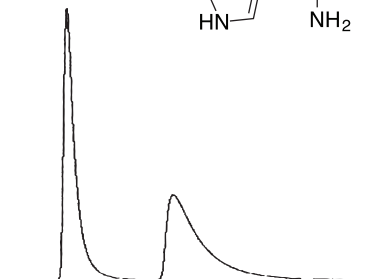
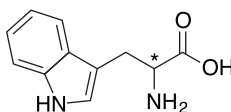
Tropicamide

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (80/20)
 $\text{CO}_2/\text{CH}_3\text{OH}$
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 124 bar
Detection: UV 254 nm
k': 1.59
 α : 1.32
Catalog #: 1-783104-300



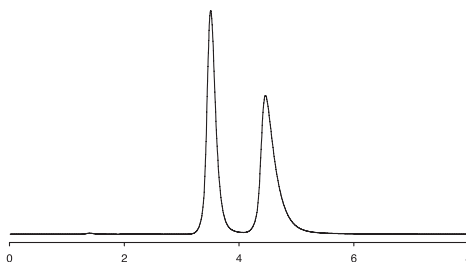
Tryptophan

Column: ChiroSil,
5 μm , 15 cm x 4.6 mm
Mobile Phase: (70/30)
 $\text{CH}_3\text{OH}/\text{H}_2\text{O}$
+10 mM Acetic Acid
Flow Rate: 1.5 mL/min
Detection: UV 210 nm
Run Time: 11.01 min
k': 4.06
k': 8.72
 α : 2.15
Catalog #: 1-799001-300,
1-799101-300



DL-Tryptophane

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (30/70)
0.01% Phosphoric Acid/MeOH
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Temperature: 20 °C
k': 0.86
 α : 1.59
Catalog #: 1-788001-300



Tulobuterol

Column: Reflect I-Cellulose C,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (99/1/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

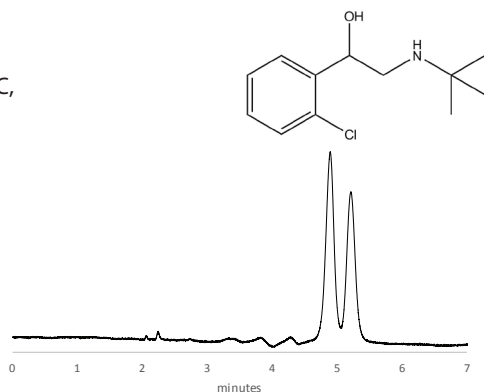
Detection: UV 254 nm

k': 144

α : 1.11

CAS#: 56776-01-3

Catalog #: 1-593204-300



Tulobuterol HCl

Column: (S) α -Burke 2,

5 μ m, 25 cm x 4.6 mm

Mobile Phase: (91/9)

CH₂Cl₂/Ethanol

+ 0.01 M Ammonium Acetate

Flow Rate: 1.5 mL/min

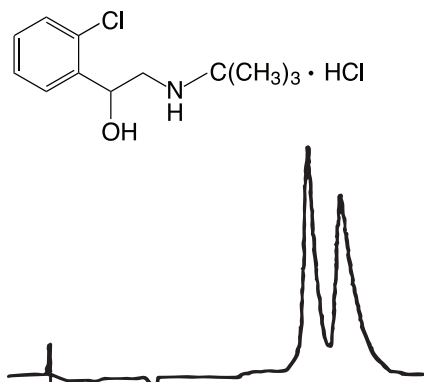
Detection: UV 254 nm

Run Time: 15.0 min

k': 6.38

α : 1.13

Catalog #: 1-735037-300



Tyrosine

Column: ChiroSil,

5 μ m, 15 cm x 4.6 mm

Mobile Phase: (70/30)

CH₃OH/H₂O

+10 mM Acetic Acid

Flow Rate: 1.5 mL/min

Detection: UV 210 nm

Run Time: 9.09 min

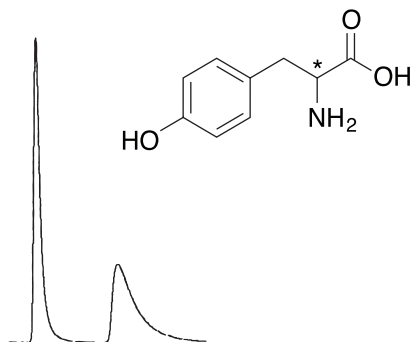
k': 2.95

k': 7.02

α : 2.38

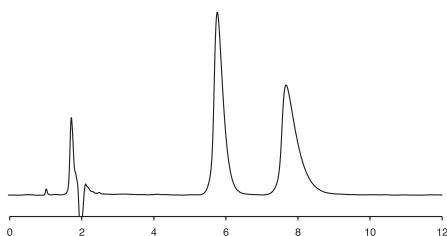
Catalog #: 1-799001-300,

1-799101-300



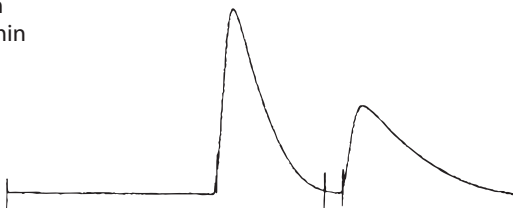
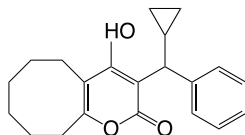
DL-Tyrosine

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm
Mobile Phase: (15/85)
0.01% Phosphoric Acid/MeOH
Flow Rate: 1.0 mL/min
Detection: UV 210 nm
Temperature: 40 $^{\circ}\text{C}$
k': 1.91
 α : 1.51
Catalog #: 1-788001-300



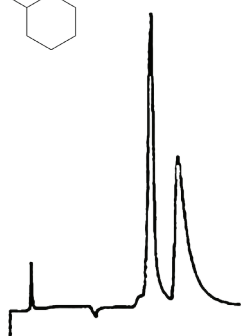
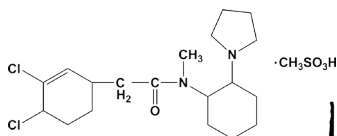
U-100057

Column: Whelk-O 1,
5 μm , 25 cm x 5.1 cm
Mobile Phase: (65/35)
Hexane/IPA
Run Time: 50 min
Sample Prep: 90 mL/min
to 34 min, then 120 mL/min
Sample Load: 1.9 g
Reference: 34



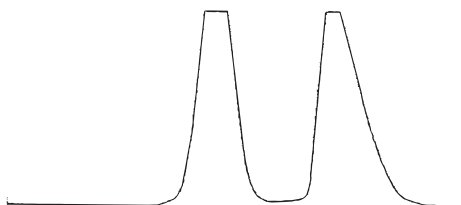
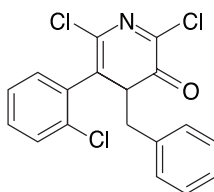
trans-U-50488H

Column: (3R,4S) Pirkle 1-J,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (92/8)
Hexane/Ethanol
+ 0.01 M Ammonium Acetate
Flow Rate: 2.0 mL/min
Detection: UV 220 nm
Run Time: 12.0 min
k': 6.71
 α : 1.27
Catalog #: 1-731044-300



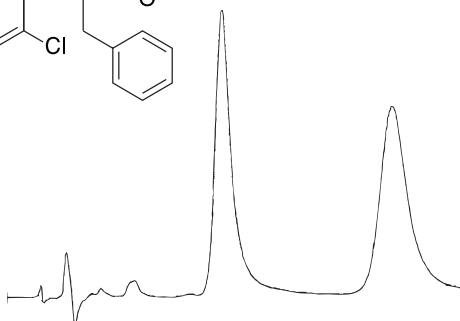
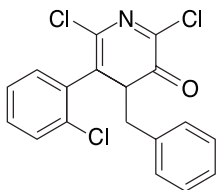
U-94863

Column: Whelk-O 1,
5 μ m, 25 cm x 2.1 cm
Mobile Phase: (70/30)
Hexane/IPA + 0.5% HOAc
Flow Rate: 12.0 mL/min
Detection: UV 254 nm
Run Time: 12 min
Sample Load: 40 mg
Reference: 34



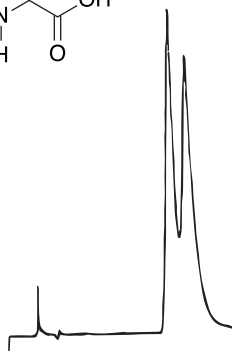
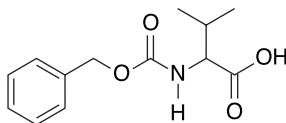
U-94863

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (40/60)
Hexane/IPA + 0.5% HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 15 min
k': 2.26
 α : 1.95
Reference: 34
Catalog #: 1-780101-300
1-780201-300



CBZ-Val

Column: Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/5)
Hexane/IPA + 0.1% HOAc
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 19 min
k': 5.49
 α : 1.13
Catalog #: 1-780101-300,
1-780201-300



CBZ-DL-Valine

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (50/50/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

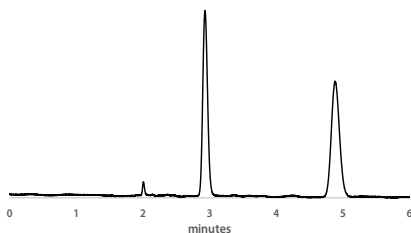
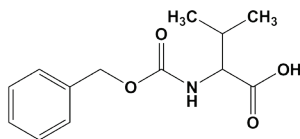
Detection: UV 220 nm

k': 0.46

α : 3.11

CAS #: 3588-63-4

Catalog #: 1-580204-300



CBZ-DL-Valine

Column: Reflect C-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

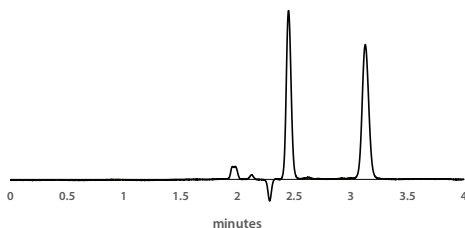
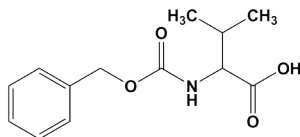
Detection: UV 220 nm

k': 0.27

α : 2.08

CAS #: 3588-63-4

Catalog #: 1-590204-300



CBZ-DL-Valine

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

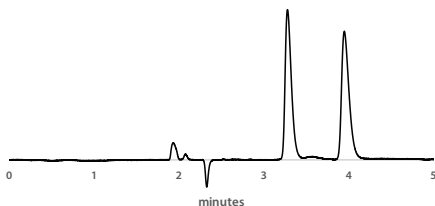
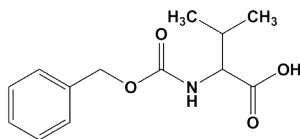
Detection: UV 220 nm

k': 0.64

α : 1.52

CAS #: 3588-63-4

Catalog #: 1-591204-300



CBZ-DL-Valine

Column: Reflect I-Cellulose B,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (75/25/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

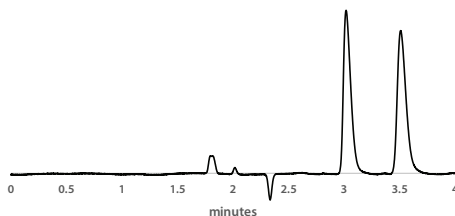
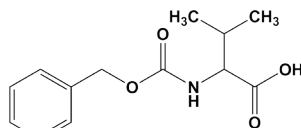
Detection: UV 220 nm

k': 0.51

α : 1.48

CAS #: 3588-63-4

Catalog #: 1-592204-300



CBZ-DL-Valine

Column: Reflect I-Cellulose C,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10/0.1)
Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

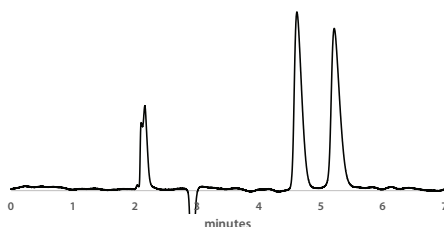
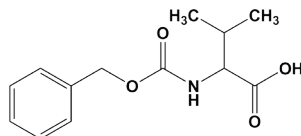
Detection: UV 220 nm

k': 1.31

α : 1.23

CAS #: 3588-63-4

Catalog #: 1-593204-300



DL-Valine

Column: ChiroSil ME RCA(+),
5 μm , 15 cm x 4.6 mm

Mobile Phase: (20/80)
5 mM Sulfonic Acid/MeOH

Flow Rate: 0.8 mL/min

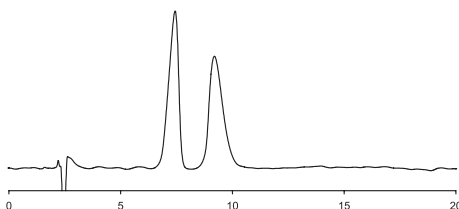
Detection: UV 210 nm

Temperature: 25°C

k': 2.02

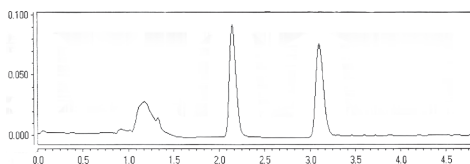
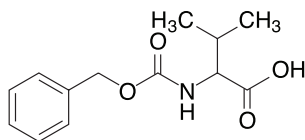
α : 1.35

Catalog #: 1-788001-300



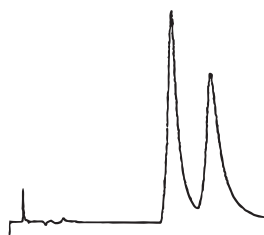
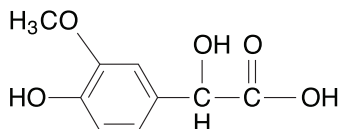
N-CBZ-Valine

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
CO₂/Ethanol + 0.5% TFA
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 124 bar
Detection: UV 254 nm
k': 1.87
 α : 1.68
CAS #: 3588-63-4
Catalog #: 1-783104-300



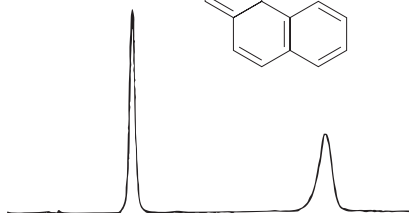
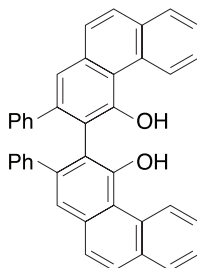
Vanilmandelic Acid

Column: (S,S) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (85/15)
Hexane/Ethanol
+ 0.01 M Ammonium Acetate
Flow Rate: 2.0 mL/min
Detection: UV 254 nm
Run Time: 22.0 min
k': 12.34
 α : 1.27
Catalog #: 1-786615-300



Vapal

Column: (R,R) ULMO,
5 μm , 25 cm x 4.6 mm
Mobile Phase: 100%
Methanol
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 13 min
k': 1.74
 α : 3.37
Reference: 43
Catalog #: 1-787200-300



Verapamil

Column: Reflect C-Amylose A,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)

Hexne/Ethanol/DEA

Flow Rate: 1.5 mL/min

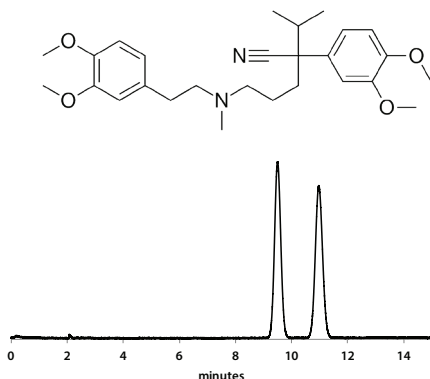
Detection: UV 290 nm

k': 3.74

α : 1.20

CAS #: 52-53-9

Catalog #: 1-580204-300



Verapamil

Column: Reflect I-Amylose A,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (95/5/0.1)

Hexane/Ethanol/DEA

Flow Rate: 1.5 mL/min

Detection: UV 290 nm

k': 1.74

α : 1.11

CAS #: 52-53-9

Catalog #: 1-591204-300



Vesamicol

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm

Mobile Phase: (90/10)

Hexane/IPA + 0.1% TFA

Flow Rate: 1.5 mL/min

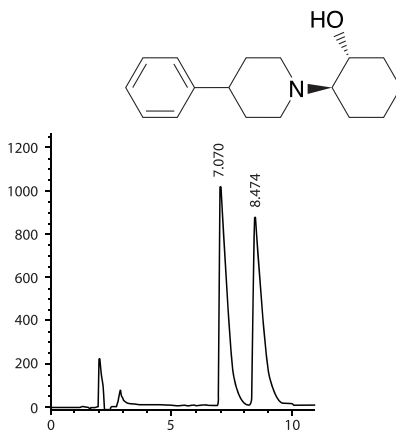
Detection: UV 210 nm

k': 2.72

α : 1.27

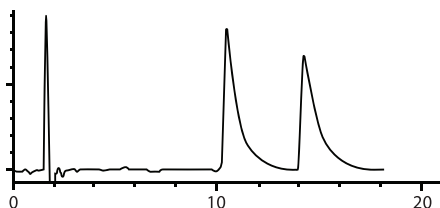
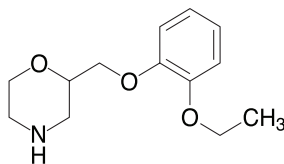
CAS #: 120447-62-3

Catalog #: 1-783104-300



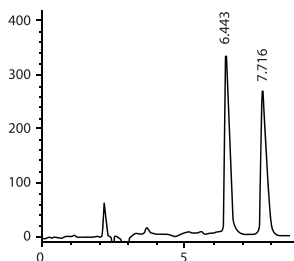
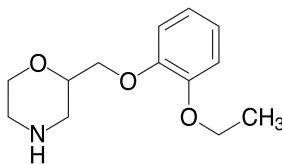
Viloxazine

Column: (R,R) Whelk-O 1,
10 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol + 0.1% TFA
Flow Rate: 2.0 mL/min
Detection: UV 220 nm
k': 6.46
 α : 1.42
Catalog #: 1-786515-300



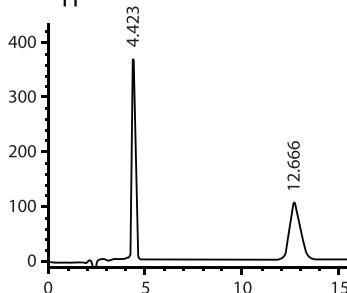
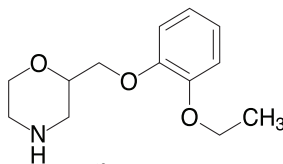
Viloxazine

Column: RegisPack,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (90/10)
Hexane/Ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
Run Time: 12.0 min
k': 2.34
 α : 1.28
CAS #: 46817-91-8
Catalog #: 1-783104-300



Viloxazine

Column: RegisCell,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (50/50)
Hexane/ethanol + 0.1% DEA
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
k': 1.29
 α : 4.31
CAS #: 46817-91-8
Catalog #: 1-784104-300



Vinclozolin

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

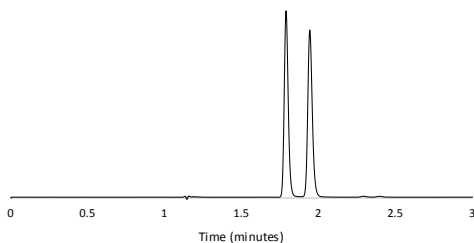
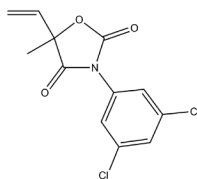
Detection: UV 210 nm

k': 1.79

α : 1.20

CAS #: 50471-44-8

Catalog #: 1-591204-300



Vinclozolin

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (90/10) CO_2 /
Methanol

Flow Rate: 3.0 mL/min

Temperature: 30 $^\circ\text{C}$

Pressure: 150 bar

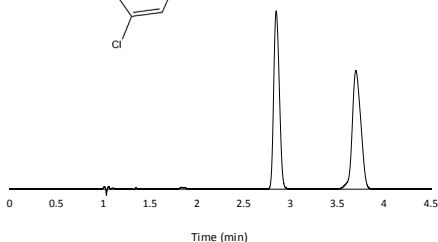
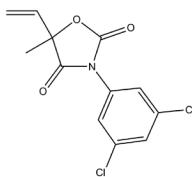
Detection: UV 210 nm

k': 1.84

α : 1.46

CAS #: 50471-44-8

Catalog #: 1-580204-300



Warfarin

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (60/40)
Hexane/Ethanol

+ 0.1% Acetic Acid

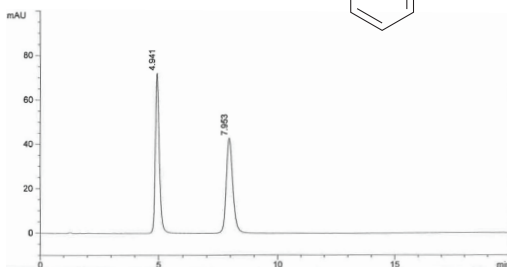
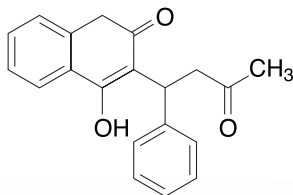
Flow Rate: 1.5 mL/min

Detection: UV 254 nm

k': 1.56

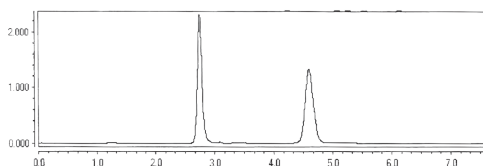
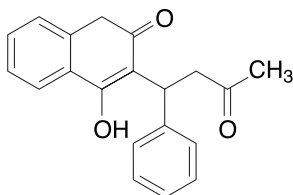
α : 2.00

Catalog #: 1-780101-300



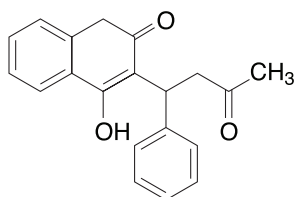
Warfarin

Column: (S,S) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (65/35)
 CO_2 /Ethanol + 0.5% Acetic Acid
Flow Rate: 4.0 mL/min
Temperature: 40 $^\circ\text{C}$
Pressure: 125 bar
Detection: UV 254 nm
 k' : 2.67
 α : 1.92
Catalog #: 1-780101-300



Warfarin

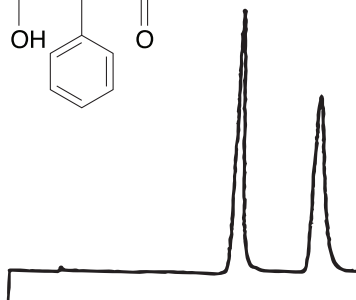
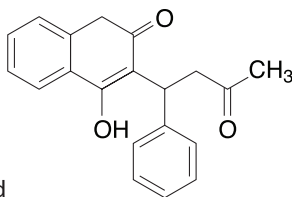
Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (65/35)
Hexane/IPA
+ 0.1% Acetic Acid
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 11.5 min
 k' : 1.54
 α : 2.07
Catalog #: 1-780201-300



Warfarin

Reversed Phase

Column: (R,R) Whelk-O 1,
5 μm , 25 cm x 4.6 mm
Mobile Phase: (70/30)
 $\text{CH}_3\text{OH}/\text{H}_2\text{O}$ + 0.1% Acetic Acid
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
Run Time: 15.0 min
 k' : 3.54
 α : 1.55
Catalog #: 1-780201-300



Warfarin

Column: Reflect C-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)

Hexane/

Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

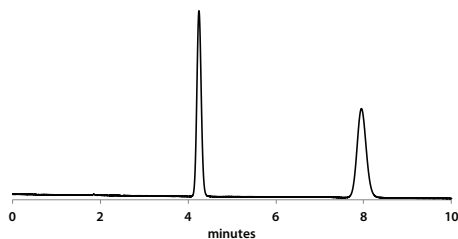
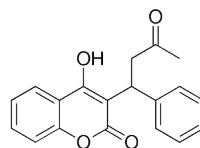
Detection: UV 254 nm

k': 1.12

α : 2.65

CAS #: 81-81-2

Catalog #: 1-580204-300



Warfarin

Column: Reflect I-Amylose A,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (80/20/0.1)

Hexane/Ethanol/Acetic Acid

Flow Rate: 1.5 mL/min

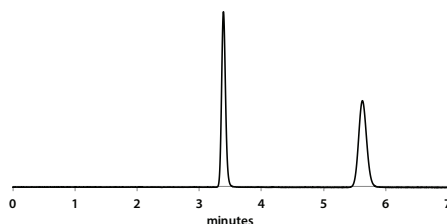
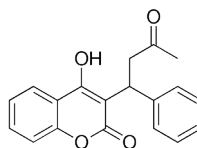
Detection: UV 254 nm

k': 0.69

α : 2.61

CAS #: 81-81-2

Catalog #: 1-591204-300



Warfarin

Column: (S,S) ULMO,
5 μm , 25 cm x 4.6 mm

Mobile Phase: (70/30)

Heptane/IPA + 0.1% TFA

Flow Rate: 1.0 mL/min

Detection: UV 230 nm

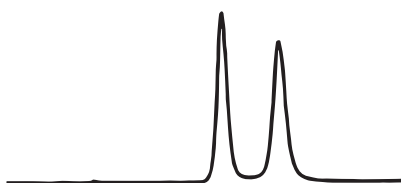
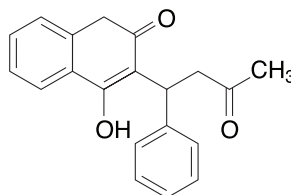
Run Time: 6.5 min

k': 0.89

α : 1.36

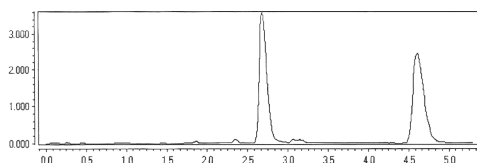
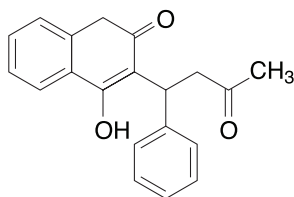
Reference: 43

Catalog #: 1-787100-300



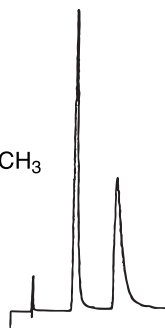
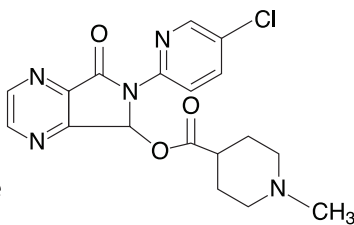
Warfarin

Column: RegisPack,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (80/20)
CO₂/Ethanol
Flow Rate: 4.0 mL/min
Temperature: 40 °C
Pressure: 125 bar
Detection: UV 254 nm
k': 2.58
 α : 1.99
Catalog #: 1-783104-300



Zopiclone

Column: (R,R) Whelk-O 1,
5 μ m, 25 cm x 4.6 mm
Mobile Phase: (95/5)
CH₂Cl₂/Ethanol
+ 0.01 M Ammonium Acetate
Flow Rate: 1.5 mL/min
Detection: UV 254 nm
Run Time: 8.5 min
k': 1.94
 α : 2.01
Catalog #: 1-780201-300



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