

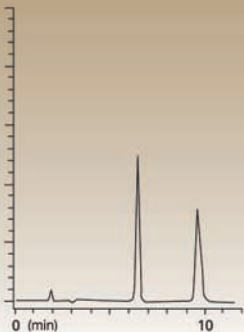
RegisCell[®] and RegisPack[®] Polysaccharide-based Chiral Columns



▶ **Quality** ▶ **Convenience** ▶ **Affordability**

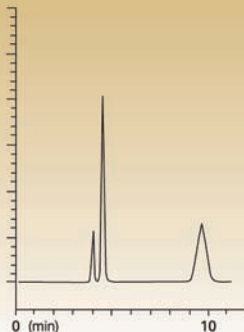
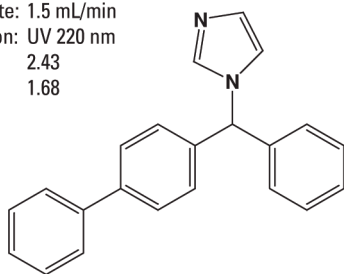


Available through **America Discovery Services**



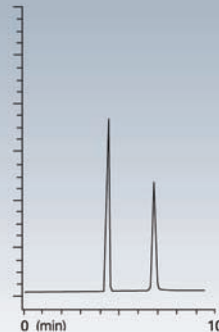
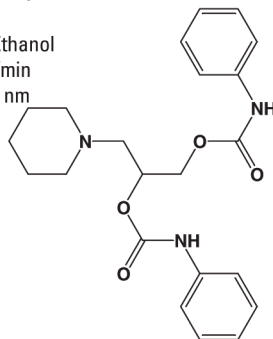
Bifonazole

Column: RegisPack® 5 µm
25 cm x 4.6 mm
Mobile: (80/20)
Phase: Hexane/Ethanol
Flow Rate: 1.5 mL/min
Detection: UV 220 nm
K'₁: 2.43
α: 1.68



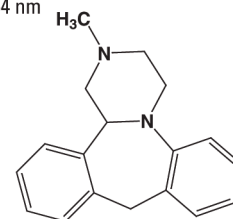
Diperodon

Column: RegisPack® 5 µm
25 cm x 4.6 mm
Mobile: 100% Ethanol
Phase: 100% Ethanol
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
K'₁: 0.59
α: 3.99



Mianserin

Column: RegisPack® 5 µm
25 cm x 4.6 mm
Mobile: (95/5)
Phase: Hexane/Ethanol
+ 0.1% DEA
Flow Rate: 1.0 mL/min
Detection: UV 254 nm
K'₁: 0.55
α: 2.51



RegisCell® and RegisPack® chiral columns are improved coated polysaccharide phases for enantiomeric separations of a wide range of racemate classes. Chiral chromatographers in the pharmaceutical and biotechnology industry now have a high quality, affordable choice for separations using proven chiral selectors.

► Excellent Selectivity

Columns are made using a unique production process of coating the proven chiral selectors on high purity silica gel.

- RegisCell® – tris (3,5-dimethylphenyl) carbamoyl cellulose selector
- RegisPack® – tris (3,5-dimethylphenyl) carbamoyl amylose selector

► Superior Separations

Data shows excellent theoretical plate count and resolution in the separation of a wide range of compounds.

► Fast Method Development and Run Times

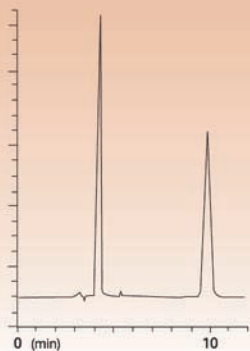
The columns' high pressure limit (450 bar) delivers faster method development and run times without sacrificing resolution or performance.

► Fast Equilibrium Times

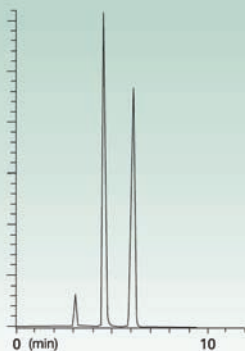
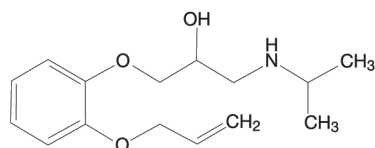
Leverage the columns' high pressure limit for fast equilibration times when switching from one compatible mobile phase to another.

► Same Price for SFC and HPLC Columns

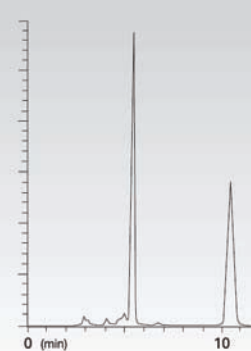
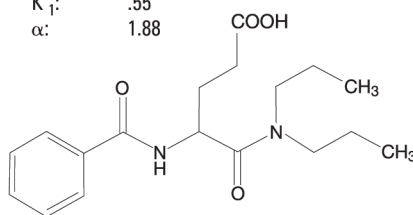
RegisCell® and RegisPack® columns are packed and tested at high pressures for use in both SFC and HPLC mode.



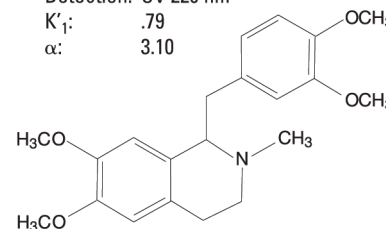
Oxprenolol
 Column: RegisCell® 5 µm
 25 cm x 4.6 mm
 Mobile: (70/30)
 Phase: Hexane/IPA + 0.1% DEA
 Flow Rate: 1.0 mL/min
 Detection: UV 254 nm
 K'₁: 0.41
 α: 5.48



Proglumide
 Column: RegisCell® 5 µm
 25 cm x 4.6 mm
 Mobile: (90/10)
 Phase: Hexane/IPA + 0.1% TFA
 Flow Rate: 1.0 mL/min
 Detection: UV 245 nm
 K'₁: .55
 α: 1.88



Laudanosine
 Column: RegisCell® 5 µm
 25 cm x 4.6 mm
 Mobile: (80/20)
 Phase: Hexane/Ethanol
 Flow Rate: 1.0 mL/min
 Detection: UV 220 nm
 K'₁: .79
 α: 3.10



Columns & Bulk Material

RegisCell® and RegisPack® have the same chiral selectors as the CHIRALCEL® OD and CHIRALPAK® AD respectively. Columns are available in analytical and preparative sizes enabling easy scale up using HPLC or SFC conditions. Bulk material is available upon request.

RegisCell® and RegisPack® bring new selectivities to Regis' current chiral product range. In combination with our Whelk-O® and other Pirkle-Type phases, customers can now turn to Regis Technologies for an expanded chiral product line for both analytical and preparative separations.

RegisPack® tris (3,5-dimethylphenyl) carbamoyl amylose (1000Å)

Particle Size	Column Size	Part #
5 µm	15 cm x 4.60 mm i.d.	783103
5 µm	25 cm x 4.60 mm i.d.	783104
5 µm	25 cm x 10.0 mm i.d.	783105
5 µm	25 cm x 21.2 mm i.d.	783106
5 µm	25 cm x 30.0 mm i.d.	783107
5 µm	25 cm x 50.0 mm i.d.	783108
10 µm	15 cm x 4.60 mm i.d.	783203
10 µm	25 cm x 4.60 mm i.d.	783204
10 µm	25 cm x 10.0 mm i.d.	783205
10 µm	25 cm x 21.1 mm i.d.	783206
10 µm	25 cm x 30.0 mm i.d.	783207
10 µm	25 cm x 50.0 mm i.d.	783208

RegisCell® tris (3,5-dimethylphenyl) carbamoyl cellulose (1000Å)

Particle Size	Column Size	Part #
5 µm	15 cm x 4.60 mm i.d.	784103
5 µm	25 cm x 4.60 mm i.d.	784104
5 µm	25 cm x 10.0 mm i.d.	784105
5 µm	25 cm x 21.1 mm i.d.	784106
5 µm	25 cm x 30.0 mm i.d.	784107
5 µm	25 cm x 50.0 mm i.d.	784108
10 µm	15 cm x 4.60 mm i.d.	784203
10 µm	25 cm x 4.60 mm i.d.	784204
10 µm	25 cm x 10.0 mm i.d.	784205
10 µm	25 cm x 21.1 mm i.d.	784206
10 µm	25 cm x 30.0 mm i.d.	784207
10 µm	25 cm x 50.0 mm i.d.	784208

RegisCell[®] and RegisPack[®] – The Affordable Alternative

► **Broad Selection of Additional Chiral Stationary Phases**

Regis Technologies is proud to be a leader in chiral separations, serving the analytical and preparative needs of chromatographers worldwide. We manufacture columns and bulk material including:



Whelk-O[®]

ULMO

Pirkle 1-J

α -Burke 2

β -Gem 1

Phenylglycine

Leucine

Chiral AGP

Chiral HSA

Chiral CBH

ChiroSil[®]

RCA(+)

SCA(-)

DACH-DNB

About Regis Technologies, Inc.

Regis Technologies, Inc. is a privately held company that provides synthesis and separations services to the pharmaceutical, biotechnology and other related industries. Regis provides innovative chromatography products and services, especially those with a chiral emphasis, through the utilization of our extensive organic expertise and collegiate collaborations. For more information, please visit <http://www.RegisTech.com>.

For More Information

America Discovery Services, Inc.
One Innovation Drive, 3 Biotech
Worcester, MA 01650
1-508-757-4600
regis@avericadiscovery.com
<http://www.avericadiscovery.com>



CHIRALCEL[®], CHIRALPAK[®] AD, and OD are registered trademarks of DAICEL CHEMICAL INDUSTRIES, LTD.