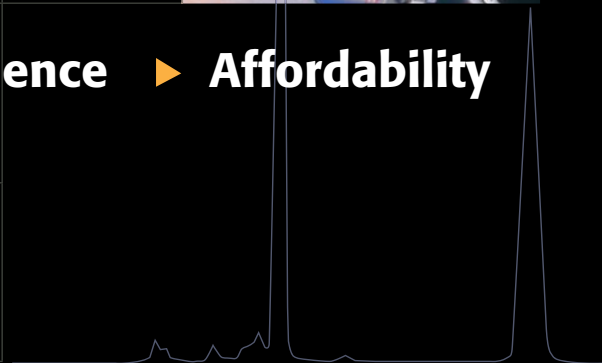
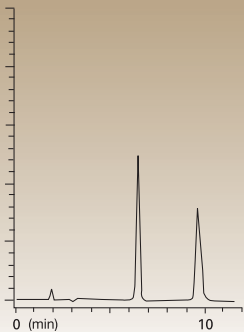


## **RegisCell<sup>®</sup> and RegisPack<sup>®</sup> Polysaccharide-based Chiral Columns**



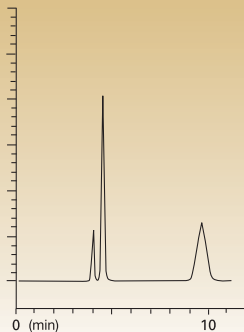
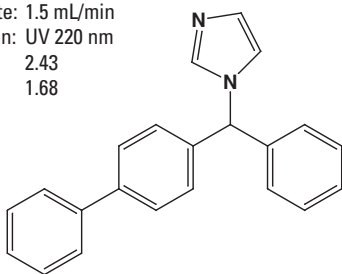
▶ **Quality** ▶ **Convenience** ▶ **Affordability**





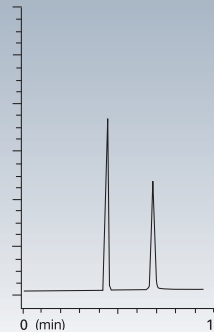
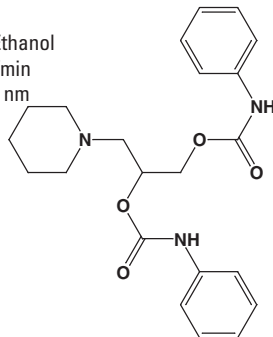
### Bifonazole

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'<sub>1</sub>: 2.43  
α: 1.68



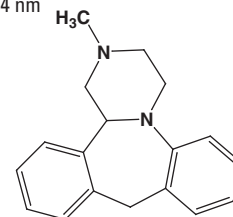
### Diperodon

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'<sub>1</sub>: 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'<sub>1</sub>: 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.

### FREE Chiral Screening

Regis Technologies offers free chiral screening on its proprietary phases. Regis is your first and only stop in determining which stationary phase meets your compound's needs.

#### ▶ 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

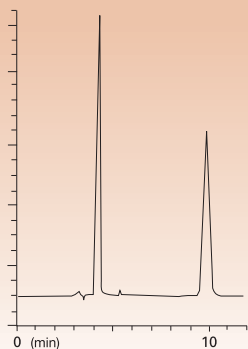
The columns' high pressure limit (450 bar) delivers faster method development and run times without sacrificing resolution or performance.

#### ▶ Fast Equilibrium Times

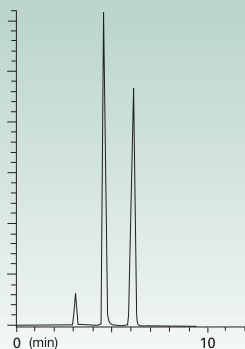
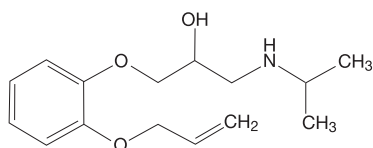
Leverage the columns' high pressure limit for fast equilibration times when switching from one compatible mobile phase to another.

#### ▶ Same Price for SFC and HPLC Columns

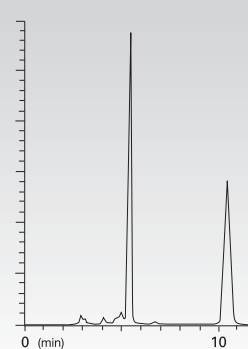
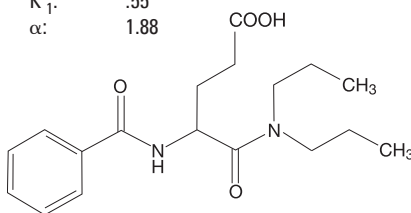
RegisCell® and RegisPack® columns are packed and tested at high pressures for use in both SFC and HPLC mode.



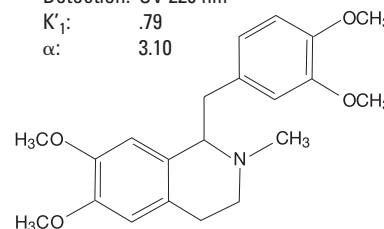
**Oxprenolol**  
 Column: RegisCell® 5 µm  
 25 cm x 4.6 mm  
 Mobile: (70/30)  
 Phase: Hexane/IPA + 0.1% DEA  
 Flow Rate: 1.0 mL/min  
 Detection: UV 254 nm  
 K'<sub>1</sub>: 0.41  
 α: 5.48



**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'<sub>1</sub>: .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'<sub>1</sub>: .79  
 α: 3.10



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.

## Columns & Bulk Material

### 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<sup>®</sup> and RegisPack<sup>®</sup> – 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<sup>®</sup>

ULMO

Pirkle 1-J

$\alpha$ -Burke 2

$\beta$ -Gem 1

Phenylglycine

Leucine

Chiral AGP

Chiral HSA

Chiral CBH

ChiroSil<sup>®</sup>

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>.

## ► FREE Chiral Screening

Regis Technologies offers free chiral screening on its proprietary phases. Regis is your first and only stop in determining which stationary phase meets your compound's needs.

For more information

Phone 847.583.7662

Email [sales@registech.com](mailto:sales@registech.com)

Web [www.RegisTech.com](http://www.RegisTech.com)



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Morton Grove, IL 60053-0519 USA



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