

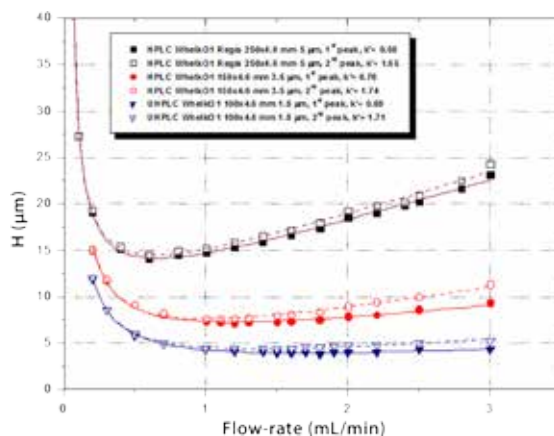
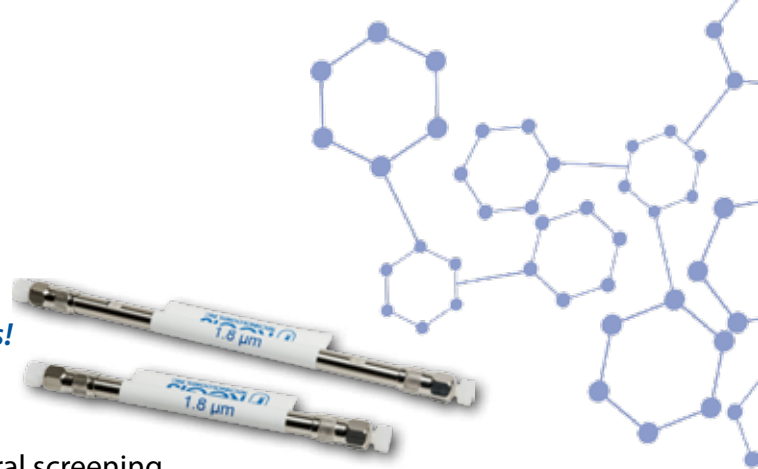
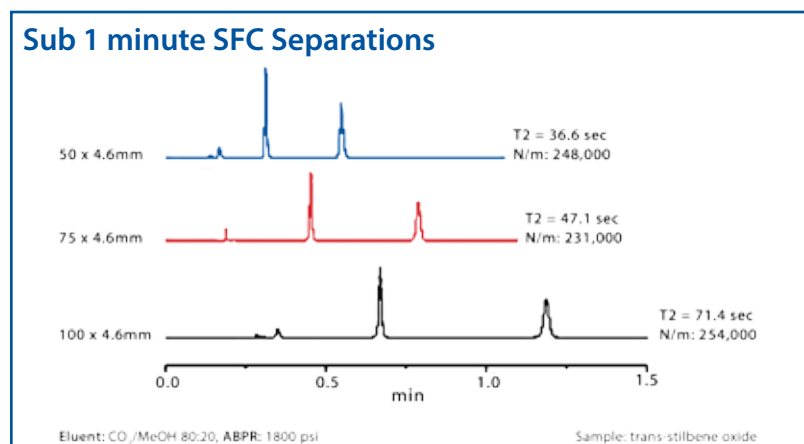
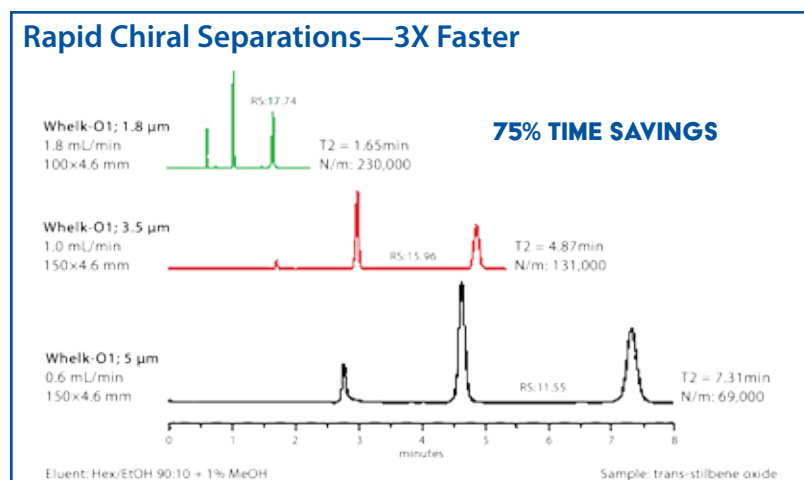
# 1.8 $\mu$ m WHELK-O<sup>®</sup> 1

## Chiral Stationary Phase

Experience high speed performance with chiral separations!

- Increase throughput and resolution—Great for rapid chiral screening
- 1.8 $\mu$ m fully porous particles for high efficiency separations in both UHPLC and UHPSFC
- Fully scalable phase from 1.8 $\mu$ m to 20 $\mu$ m, analytical to preparative size columns
- Invert peak elution order with availability of both enantiomeric phases for difficult separations
- Stable, long term performance for long column lifetimes at high flow rates and pressures

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



1.8 $\mu$ m particles maintain high performance over a wide range of linear velocities.

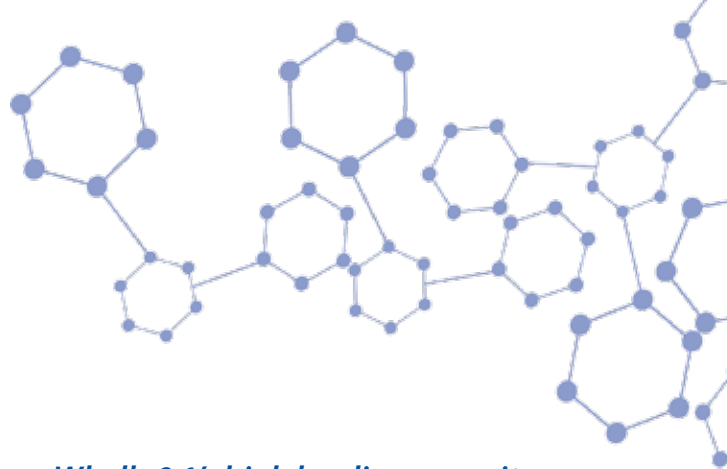
**Make 1.8 $\mu$ m Whelk-O 1 your first choice for UHPLC/SFC chiral separations!**

\*Compared to equivalent 5 $\mu$ m phases.



# 1.8 $\mu$ m WHELK-O<sup>®</sup> 1

## Chiral Stationary Phase



### 1.8 $\mu$ m

DIMENSIONS	(S,S) CATALOG #	(R,R) CATALOG #
5 cm x 2.1 mm	1-780163-300	1-780263-300
5 cm x 3 mm	1-780165-300	1-780265-300
5 cm x 4.6 mm	1-780162-300	1-780262-300
10 cm x 2.1 mm	1-780164-300	1-780264-300
10 cm x 3 mm	1-780166-300	1-780266-300
10 cm x 4.6 mm	1-780161-300	1-780261-300

*Whelk-O 1's high loading capacity provides excellent scalability in HPLC and SFC for preparative applications.*

### 3.5 $\mu$ m

DIMENSIONS	(S,S) CATALOG #	(R,R) CATALOG #
5 cm x 4.6 mm	1-780120-300	1-780220-300
10 cm x 4.6 mm	1-780121-300	1-780221-300
15 cm x 4.6 mm	1-780122-300	1-780222-300
25 cm x 4.6 mm	1-780123-300	1-780223-300
15 cm x 3.0 mm	1-780124-300	1-780224-300
10 cm x 3.0 mm	1-780125-300	1-780225-300
5 cm x 3.0 mm	1-780126-300	1-780226-300
2 cm x 3.0 mm	1-780127-300	1-780227-300
5 cm x 2.1 mm	1-780128-300	1-780228-300
10 cm x 2.1 mm	1-780129-300	1-780229-300
15 cm x 2.1 mm	1-780130-300	1-780230-300

### 5 $\mu$ m

DIMENSIONS	(S,S) CATALOG #	(R,R) CATALOG #
25 cm x 4.6 mm	1-780101-300	1-780201-300
25 cm x 10 mm	1-780102-300	1-780202-300
25 cm x 30 mm	1-780103-300	1-780203-300
25 cm x 50 mm	1-780104-300	1-780204-300
15 cm x 4.6 mm	1-780105-300	1-780205-300
15 cm x 2.1 mm	1-780106-300	1-780206-300
25 cm x 2.1 mm	1-780107-300	1-780207-300
15 cm x 3.0 mm	1-780108-300	1-780208-300
15 cm x 2.1 mm	1-780109-300	1-780209-300
10 cm x 2.1 mm	1-780110-300	N/A
10 cm x 4.6 mm	1-780151-300	1-780251-300
5 cm x 4.6 mm	1-780152-300	1-780252-300
3 cm x 4.6 mm	1-780153-300	1-780253-300
10 cm x 2.1 mm	1-780154-300	1-780254-300
5 cm x 2.1 mm	1-780155-300	1-780255-300
3 cm x 2.1 mm	1-780156-300	1-780256-300

### 10 $\mu$ m

DIMENSIONS	(S,S) CATALOG #	(R,R) CATALOG #
15 cm x 4.6 mm	1-786251-300	1-786252-300
25 cm x 4.6 mm	1-786615-300	1-786515-300
15 cm x 10 mm	N/A	1-786516-300
15 cm x 21.1 mm	1-786617-300	1-786518-300
25 cm x 10 mm	1-786625-300	1-786525-300
25 cm x 21.1 mm	1-786635-300	1-786535-300
50 cm x 21.1 mm	1-786645-300	1-786545-300
25 cm x 30 mm	1-786702-300	1-786708-300
25 cm x 50 mm	1-786703-300	1-786709-300
50 cm x 50 mm	1-786704-300	1-786710-300
50 cm x 30 mm	1-786716-300	1-786713-300
5cm x 2.1 mm	1-786902-300	1-786903-300
5 cm x 4.6 mm	1-786906-300	1-786907-300
10 cm x 4.6 mm	1-786908-300	1-786909-300
25 cm x 4.6 mm	1-786351-300	1-786361-300

### 16 $\mu$ m

DIMENSIONS	(S,S) CATALOG #	(R,R) CATALOG #
15 cm x 4.6 mm	1-786351-300	1-786361-300

Make Whelk-O 1 your first choice for chiral separations. Learn more at [registech.com/whelko](http://registech.com/whelko).



#### 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 [www.registech.com](http://www.registech.com).

t 847.967.6000  
f 847.967.5876

[www.chiral.com](http://www.chiral.com)

[chromsales@registech.com](mailto:chromsales@registech.com)

8210 Austin Avenue  
Morton Grove, IL US 60053