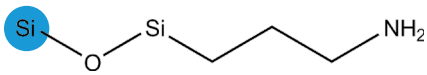
CELERIS™

Achiral SFC Columns

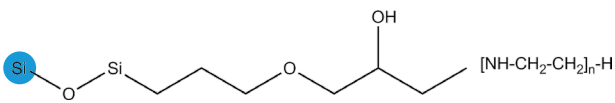
High performance SFC separations at an affordable price

More chemists are discovering the benefits of supercritical fluid chromatography (SFC) as a greener alternative to HPLC separation of complex samples containing a range of different functional groups and polarities. SFC provides better resolution, faster separation, and higher sample throughput compared to HPLC. The Celeris™ family of achiral stationary phases has been specifically designed for SFC separations, delivering high capacity, broad selectivity, excellent peak shapes, and reproducible performance over long column lifetimes. Celeris high performance phases provide rapid separation and recovery of purified components at a lower price than competitor offerings, enabling use of larger column sizes to reduce the number of purification cycles required to achieve purity of the batch.

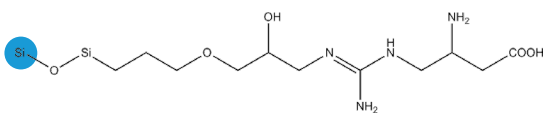
Celeris™ Amino Traditional propyl-amine phase bonded to 100A silica. This phase offers a high degree of polar selectivity over traditional silica or Ethyl Pyridine phases, allowing a high degree of retention for polar amine compounds.



Celeris™ PEI The polyethylenimine (PEI) phase has nearly 3X more amino groups than traditional Amino phases. The stationary phase is a modified polymer which includes several tertiary amine groups in the skeleton of the phase. This unique selectivity allows faster elution to give high quality separations in shorter times.



Celeris™ Arginine The arginine (ARG) phase is a silica surface modified with the amino acid arginine and exhibits both acidic and basic functionality. The ARG phase has a strong affinity to hydrophilic compounds and offers a mixed-mode type of selectivity compared to other SFC phases.



REGIS TECHNOLOGIES, INC.

ORDERING INFORMATION

DIMENSIONS	AMINO	PEI	ARGININE
5 cm x 2.1 mm	1-790717-300	1-790817-300	1-790917-300
10 cm x 2.1 mm	1-790716-300	1-790816-300	1-790916-300
15 cm x 2.1 mm	1-790706-300	1-790806-300	1-790906-300
5 cm x 3 mm	1-790715-300	1-790815-300	1-790915-300
10 cm x 3 mm	1-790713-300	1-790813-300	1-790913-300
15 cm x 3 mm	1-790718-300	1-790818-300	1-790918-300
5 cm x 4.6 mm	1-790714-300	1-790814-300	1-790914-300
10 cm x 4.6 mm	1-790712-300	1-790812-300	1-790912-300
15 cm x 4.6 mm	1-790705-300	1-790805-300	1-790905-300
25 cm x 4.6 mm	1-790701-300	1-790801-300	1-790901-300
25 cm x 10 mm	1-790702-300	1-790802-300	1-790902-300
10 cm x 21.1 mm	1-790710-300	1-790810-300	1-790910-300
15 cm x 21.1 mm	1-790709-300	1-790809-300	1-790909-300
25 cm x 21.1 mm	1-790707-300	1-790807-300	1-790907-300
15 cm x 30 mm	1-790708-300	1-790808-300	1-790908-300
25 cm x 30 mm	1-790703-300	1-790803-300	1-790903-300
15 cm x 50 mm	1-790711-300	1-790811-300	1-790911-300
25 cm x 50 mm	1-790704-300	1-790804-300	1-790904-300

Celeris™ Media Specifications

Pore Size:	100Å
Surface Area:	350 m^2/g
Particle Sizes:	5 µm

See how much you can save using Celeris™ columns.

Request a quote today.

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.

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