

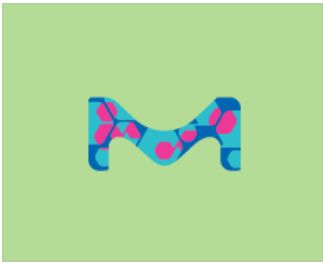


41020AST Supelco

Astec® CYCLOBOND® II Chiral HPLC Column

5 µm particle size, L × I.D. 25 cm × 4.6 mm

eCl@ss 32110501



FDS

Similar Products

Conditionnement - SKU	Disponibilité	Prix (EUR)	Quantité
41020AST	Seulement 3 en stock (d'autres en cours d'arrivage) - A PARTIR DE	1,882.00	0

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Propriétés

Related Categories	Analytical/Chromatography, Astec CYCLOBOND Chiral HPLC Columns (Native and Derivatized Cyclodextrins), CYCLOBOND II, Chiral HPLC Columns, HPLC Plus...
packaging	pkg of 1 ea
application(s)	HPLC: suitable
L × I.D.	25 cm × 4.6 mm
matrix	silica particle platform
matrix active group	cyclodextrin, gamma- phase
particle size	5 µm
pore size	100 Å
suitability	suitable for L45 per USP
mode of chromatography	chiral

montrer moins de résultats

Description

General description
Consisting of eight glucopyranose units arranged in a truncated cone shape, CYCLOBOND II is an excellent chiral selector for multi-ring structures. It is useful for isomeric compounds based on anthracene, chrysene and pyrene type ring structures. CYCLOBOND II offers good selectivity and stability and is applicable to the polar organic mode of separation. Applications include steroids, porphyrins, Fmoc amino acids.

• Bonded phase: Underivatized, native γ-cyclodextrin

Resources:
[CYCLOBOND FAQs](#)
[CYCLOBOND Reference Bibliography](#)
[Chiral Product Literature](#)

Recommended products
Discover LiChropur reagents ideal for **HPLC** or **LC-MS** analysis

Legal Information
Astec is a registered trademark of Sigma-Aldrich Co. LLC
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Informations Sécurité

Aucune information relative à la sécurité de ce produit est actuellement disponible.

Documents

Certificat d'Analyse

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Customers Also Viewed

42120AST Astec® CYCLOBOND® II Chiral HPLC Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	41022AST Astec® CYCLOBOND® II AC Chiral HPLC Column 5 µm particle size, L × I.D. 25 cm × 4.6 mm	58348 SUPELCOSIL™ LC-18-DB HPLC Column 5 µm particle size, L × I.D. 15 cm × 4.6 mm	20024AST Astec® CYCLOBOND® I 2000 Chiral HPLC Column 5 µm particle size, L × I.D. 25 cm × 4.6 mm	58295 SUPELCOSIL™ LC-Si HPLC Column 5 µm particle size, L × I.D. 25 cm × 4.6 mm
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Protocoles et articles

Articles

[HPLC Analysis of Norgestrel Enantiomers on Astec® CYCLOBOND® II](#)

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 Keywords: High performance liquid chromatography

Documentation référencée

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Series of homologous displacers for preparative chiral displacement chromatographic separations on Cyclobond-II columns Quintero, Gilberto, et al. Journal of Chromatography A 693 (1), 1-5, (1995)

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[Analytical method development for directed enzyme evolution research: a high throughput high-performance liquid chromatography method for analysis of ribose and ribitol and a capillary electrophoresis method for the separation of ribose enantiomers.](#)

Baoguo Sun et. al

Journal of chromatography. A, 1271(1), undefined (2012-12-15)

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Yasith S Nanayakkara et. al

Journal of chromatography. A, 1305, undefined (2013-8-3)

Isochromene derivatives are very important precursors in the natural products industry. Hence the enantiomeric separations of chiral isochromenes are important in the pharmaceutical industry and for organic asymmetric synthesis. Here we report enanti...[Read More](#)

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Enantiomeric separation of functionalized ethano-bridged Troger bases using macrocyclic cyclodextrin and cyclodextrin chiral selectors in high-performance liquid chromatography and capillary electrophoresis with application of principal component analysis Weatherly, Choyce A., et al. Journal of Chromatography. B, Biomedical Applications 955-956, 72-80, (2014)

Optical resolution of flavanones by high-performance liquid chromatography on various chiral stationary phases Krause, Martin; Galensa, Rodolf Journal of Chromatography A 514, 147-159, (1990)

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A M Abushoffa and B J Clark

Journal of chromatography. A, 700(1-2), undefined (1995-5-12)

The methods of separation of the enantiomers of the chiral drug oxamniquine are compared, between HPLC with either cyclodextrins and their related derivatives as chiral selectors in the mobile phase or immobilised in a chiral stationary phase (as Cyc...[Read More](#)

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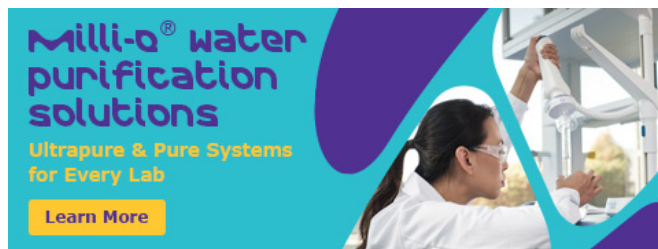




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