



20124AST Supelco

Astec® CYCLOBOND® I 2000 AC Chiral HPLC Column

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

eCl@ss 32110501

FDS

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Conditionnement - SKU	Disponibilité	Prix (EUR)	Quantité
20124AST	Seulement 2 en stock (d'autres en cours d'arrivage) - A PARTIR DE	1,790.00	0

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AJOUTER AU PANIER

Propriétés

Related Categories	Analytical/Chromatography, Astec CYCLOBOND Chiral HPLC Columns (Native and Derivatized Cyclodextrins), CYCLOBOND I 2000 AC, Chiral HPLC Columns, HPLC, HPLC Columns, by USP Code, L45 Less...
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, beta- phase
particle size	5 µm
pore size	100 Å
mode of chromatography	chiral

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Description

General description
CYCLOBOND I 2000 AC is used primarily for aromatic alcohols or amines that are chiral on the α or β carbon.

- Bonded phase: Acetylated beta-cyclodextrin

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

Recommended products
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Legal Information
Astec is a registered trademark of Sigma-Aldrich Co. LLC
CYCLOBOND is a registered trademark of Sigma-Aldrich Co. LLC

Informations Sécurité

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

Documents

Certificat d'Analyse

0001403477

Devis/ Commande de produits Bulk

FDS

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Astec® CYCLOBOND® I 2000 AC Chiral HPLC Column

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

20005AST

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

20024AST

Astec® CYCLOBOND® I 2000 Chiral HPLC Column

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

24024AST

Astec® CYCLOBOND® I 2000 HP-RSP Chiral HPLC Column

5 µm particle size, L × I.D.
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20724AST

Astec® CYCLOBOND® I 2000 DMP Chiral HPLC Column

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stainless steel TD tube,
Sealed with Brass Endcaps,
preconditioned, pkg of 10 ea



20083-U

Carbotrap® 202

stainless steel TD tube, O.D.
× L 1/4 in. × 3 1/2 in.,
preconditioned, pkg of 10 ea

20123AST

Astec® CYCLOBOND® I 2000 AC Chiral HPLC Column

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

20080-U

Purge/Trap K Vocab® 3000
for use with Encon

20079-U

Modified BTEXTRAP™ M, Tekmar® 3000

Protocoles et articles

Articles

[HPLC Analysis of Norphenylephrine Enantiomers on Astec® CYCLOBOND® I 2000 AC \(pH 4.1\)](#)

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Keywords: High performance liquid chromatography

Documentation référencée

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Separation of chiral furan derivatives by liquid chromatography using cyclodextrin-based chiral stationary phases.

Xinxin Han et. al

Journal of chromatography. A, 1063(1-2), undefined (2005-2-11)

The enantiomeric separation of a set of 30 new chiral furan derivatives has been achieved on native and derivatized beta-cyclodextrin stationary phases using high performance liquid chromatography (HPLC). The hydroxypropyl-beta-cyclodextrin (Cyclobon...[Read More](#)

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Enantiomeric separation of isochromene derivatives by high-performance liquid chromatography using cyclodextrin based stationary phases and principal component analysis of the separation data.

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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Chiral separation of the enantiomers of metoprolol and its metabolites by high performance liquid chromatography.

K H Kim et. al

Archives of pharmacol research, 23(3), undefined (2000-7-15)

(1'R, 2R)-, (1'R, 2S)-, (1'S, 2R)- and (1'S, 2S)-alpha-hydroxymetoprolol; (2R)- and (2S)-O-desmethylnetoprolol; and (2R)- and (2S)-metoprolol acid are major metabolites of (2R)- and (2S)-metoprolol, beta-adrenergic antagonist. The focus of most chiral...[Read More](#)

Reprint of: 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 968, 40-48, (2014)

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)

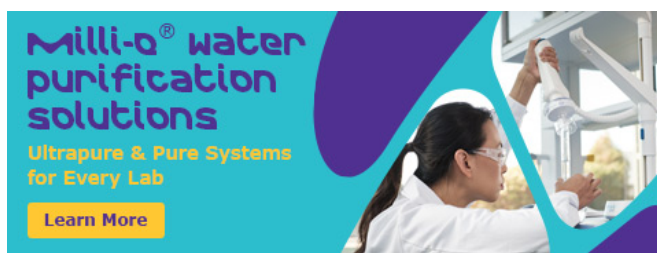
Separation of Beraprost sodium isomers using different cyclodextrin stationary phases Walker, Thomas A. Journal of Chromatography A 633 (1-2), 97-103, (1993)

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