



20744AST Supelco

Astec® CYCLOBOND® I 2000 DMP Chiral HPLC Column

5 µm particle size, L × I.D. 25 cm × 21.2 mm

eCl@ss 32110501

FDS

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Conditionnement - SKU	Disponibilité	Prix (EUR)	Quantité
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Propriétés

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packaging	pkg of 1 ea
application(s)	HPLC: suitable
L × I.D.	25 cm × 21.2 mm
matrix	silica particle platform
matrix active group	cyclodextrin, beta- phase
particle size	5 µm
pore size	100 Å
suitability	suitable for L45 per USP
mode of chromatography	chiral

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Description

General description
The reaction of the 3,5-dimethylphenyl isocyanate with the hydroxyl groups of β-cyclodextrin results in a pi-basic phase similar in character to the naphthylethyl carbamate phases. The selectivity is greater for the CYCLOBOND I 2000 DMP when the chiral center of the analyte is part of a ring structure or is on the α carbon. This phase has been very useful for derivatized amines, like amphetamine ACQ.

• Bonded phase: 3,5-Dimethylphenyl carbamate modified β-cyclodextrin

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.

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Keywords: Chiral chromatography, Chromatography, Evaporation, High performance liquid chromatography, Purification, Separation, Solvents

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Enantiomeric separation of functionalized ethano-bridged Troger bases using macrocyclic cyclofructan 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)

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Nilusha L T Padivitage et. al

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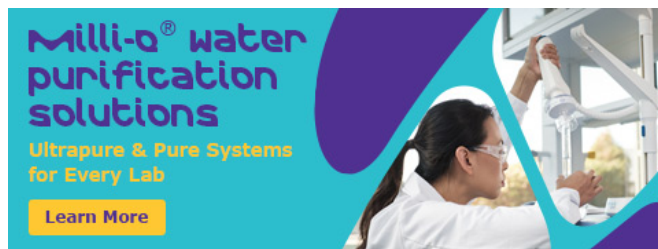
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