



78033AST Supelco

Astec® CHIRALDEX® G-DP Capillary GC Column

L × I.D. 30 m × 0.25 mm, df 0.12 µm

eCl@ss 32110502

[FDS](#) [Product Information Sheet \(PDF\)](#)

[Similar Products](#)

Conditionnement - SKU	Disponibilité	Prix (EUR)	Quantité
78033AST	Seulement 2 en stock (d'autres en cours d'arrivage) - A PARTIR DE	1,662.00	0

Commandes Bulk?

AJOUTER AU PANIER

Propriétés

Related Categories	Analytical/Chromatography, Astec CHIRALDEX G-DP, Capillary GC Columns and Guard Columns/Retention Gaps, Capillary GC Columns, by name, Chiral Capillary GC Columns, Plus...
material	fused silica
description	GC capillary column
packaging	pkg of 1 ea
parameter	-10—200 °C temperature (isothermal) -10—220 °C temperature (programmed)
Beta value	500
df	0.12 µm
application(s)	gas chromatography (GC): suitable
L × I.D.	30 m × 0.25 mm
matrix active group	non-bonded; 2,3-di-O-propionyl-6-t-butyl silyl derivative of γ-cyclodextrin phase
column type	capillary chiral
mode of chromatography	chiral

[montrer moins de résultats](#)

Description

Chem/Phys Resistance
Temp. Limits:
• -10 °C to 200 °C isothermal, 220 °C programmed

General description
Incorporates a phase consisting of a 2,3-di-O-propionyl-6-t-butyl silyl derivative of γ-cyclodextrin. The CHIRALDEX G-DP phase was designed to enhance selectivity for both aliphatic and aromatic amines, in addition to aliphatic and some aromatic esters. This phase is especially useful for polar racemates, as it exhibits high efficiency and resolution at low retention times. G-DP demonstrates better hydrolytic and thermal stability than the CHIRALDEX G-TA.

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

CHIRALDEX is a registered trademark of Sigma-Aldrich Co. LLC

Other Notes
Complementary products:
[Syringes](#)
[Vials](#)
[Gas Purification and Gas Management](#)
[Inlet Liners, Glass Wool, and Specialized Hand Tools](#)
[Septa and Specialized Hand Tools](#)
[Column Ferrules, Nuts, and Specialized Hand Tools](#)

Informations Sécurité

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

Documents

Certificat d'Analyse

Entrez le Lot N°

[Devis/ Commande de produits Bulk](#)[FDS](#)

[CHIRALDEX™ GC Column Care & Use \(48 KB \)](#)

Customers Also Viewed

24307 γ-DEX™ 120 L × I.D. 30 m × 0.25 mm, df 0.25 µm	25747 Intermediate Polar Fused Silica Tubing L × I.D. 5.0 m × 0.25 mm	24310 α-DEX™ 120 L × I.D. 30 m × 0.25 mm, df 0.25 µm	73033AST Astec® CHIRALDEX® G-TA Capillary GC Column L × I.D. 30 m × 0.25 mm, df 0.12 µm	71030AST Astec® CHIRALDEX® GC Column Screening Kit L × I.D. 30 m × 0.25 mm, pkg of 1 kit
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Recently Viewed

78023AST Astec® CHIRALDEX® B-DP Capillary GC Column L × I.D. 30 m × 0.25 mm, df 0.12 µm	77033AST Astec® CHIRALDEX® G-DM Capillary GC Column L × I.D. 30 m × 0.25 mm, df 0.12 µm	77025AST Astec® CHIRALDEX® B-DM Capillary GC Column L × I.D. 50 m × 0.25 mm, df 0.12 µm	77023AST Astec® CHIRALDEX® B-DM Capillary GC Column L × I.D. 30 m × 0.25 mm, df 0.12 µm	76025AST Astec® CHIRALDEX® B-PM Capillary GC Column L × I.D. 50 m × 0.25 mm, df 0.12 µm
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Protocoles et articles

Articles

Astec® CHIRALDEX® Column Selection

Certain phases are more selective for given molecular structures. While many compounds can be enantiomerically resolved on multiple Astec CHIRALDEX phases, often an advantage can be found in selectiv...

Keywords: Chiral chromatography, Chromatography, Clinical, Derivatizations, Gas chromatography, Metabolites, Pharmaceutical, Separation

GC Analysis of 1-Aminoindan Enantiomers (N-Trifluoroacetyl Derivatives) on Astec® CHIRALDEX® G-DP

From our library of Articles, Sigma-Aldrich presents GC Analysis of 1-Aminoindan Enantiomers (N-Trifluoroacetyl Derivatives) on Astec® CHIRALDEX® G-DP

Keywords: Chromatography, Clinical, Forensic, Gas chromatography, Pharmaceutical, Purification

GC Analysis of 2-Bromooctanoic Acid Methyl Ester Enantiomers on Astec® CHIRALDEX® G-DP

From our library of Articles, Sigma-Aldrich presents GC Analysis of 2-Bromooctanoic Acid Methyl Ester Enantiomers on Astec® CHIRALDEX® G-DP

Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

GC Analysis of 3-Aminoheptane Enantiomers (N-Trifluoroacetyl Derivatives) on Astec® CHIRALDEX® G-DP

From our library of Articles, Sigma-Aldrich presents GC Analysis of 3-Aminoheptane Enantiomers (N-Trifluoroacetyl Derivatives) on Astec® CHIRALDEX® G-DP

Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

GC Analysis of Amphetamine Enantiomers (N-Trifluoroacetyl Derivatives) on Astec® CHIRALDEX® G-DP

From our library of Articles, Sigma-Aldrich presents GC Analysis of Amphetamine Enantiomers (N-Trifluoroacetyl Derivatives) on Astec® CHIRALDEX® G-DP

Keywords: Chromatography, Clinical, Flame ionization detector, Forensic, Gas chromatography, Pharmaceutical, Purification

GC Analysis of Camphor Enantiomers on Astec® CHIRALDEX® G-DP

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Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

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Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

GC Analysis of α-Hexachlorocyclohexane (α-HCH) Enantiomers on Astec® CHIRALDEX® G-DP

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Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

GC Analysis of α-Pinene Enantiomers on Astec® CHIRALDEX® G-DP

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Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

GC Analysis of β-Pinene Enantiomers on Astec® CHIRALDEX® G-DP

From our library of Articles, Sigma-Aldrich presents GC Analysis of β-Pinene Enantiomers on Astec® CHIRALDEX® G-DP
Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

Related Content

[How to Choose a Capillary GC Column](#)

An optimized chromatographic separation begins with the column. The selection of the proper capillary column for any application should be based on four significant factors: stationary phase, column ...
How to Choose a Capillary GC Column
Keywords: Chromatography, Condensations, Gas chromatography, Immobilization, Mass spectrometry, Pesticides, Separation, Size-exclusion chromatography, Solid phase microextractions, Solvents, Vaporization

Documentation référencée

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