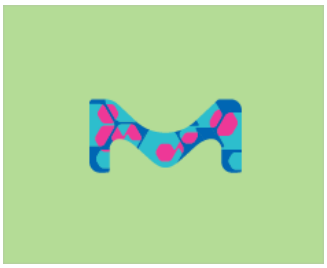
SIGMA-ALDRICH

567570-U Supelco

Discovery® HS F5 Supelguard™ Cartridge

3 µm particle size, L × I.D. 2 cm × 2.1 mm

eCl@ss 32110501



FDS Similar Products

Conditionnement - SKU	Disponibilité	Prix (EUR)	Quantité
567570-U	**Seulement 5 en stock (d'autres en cours d'arrivage)** - A PARTIR DE	194.00	0

Commandes Bulk? AJOUTER AU PANIER

Propriétés

Related Categories	Analytical/Chromatography, Discovery HPLC Columns, Discovery HS F5, HPLC, HPLC Columns, by Brand for Small Molecules, Plus...
description	**Supelguard™ Cartridge**
packaging	**pkg of 2 ea**
application(s)	**HPLC: suitable**
L × I.D.	**2 cm × 2.1 mm**
matrix active group	**PFP (pentafluorophenyl) phase**
particle size	**3 µm**
pore size	**120 Å**
compatibility	**use to protect Discovery HS F5**
mode of chromatography	**hydrophilic interaction (HILIC)**
	reversed phase

montrer moins de résultats

Description

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

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

Supelguard is a trademark of Sigma-Aldrich Co. LLC

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

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2 cm × 2.1 mm

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Discovery® HS F5 Supelguard™ Cartridge
5 µm particle size, L × I.D.
2 cm × 2.1 mm

567575-U
Discovery® HS F5 Supelguard™ Cartridge
5 µm particle size, L × I.D.
2 cm × 2.1 mm, pkg of 1 kit

567502-U
Discovery® HS F5 HPLC Column
3 µm particle size, L × I.D.
10 cm × 2.1 mm

567503-U
Discovery® HS F5 HPLC Column
3 µm particle size, L × I.D.
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15 cm × 3 mm

567536-U
Discovery® HS F5 HPLC Column
5 µm particle size, L × I.D.
25 cm × 4 mm

567535-U
Discovery® HS F5 HPLC Column
5 µm particle size, L × I.D.
15 cm × 4 mm

567532-U
Discovery® HS F5 HPLC Column
3 µm particle size, L × I.D.
15 cm × 4 mm

Protocoles et articles

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Supelco HPLC Calculator for Isocratic or Gradient Method Transfer
Calculates conditions for transfer of an isocratic or gradient method from one HPLC column to another. Allows method scaling from microbore through preparative column range. Calculates time and solve...
Keywords: High performance liquid chromatography

Documentation référencée

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read abstract

[Determination of 6-hydroxy-1-methyl-1,2,3,4-tetrahydro-beta-carboline, 5-hydroxytryptamine and 5-hydroxyindole acetic acid in the neonatal rat brains using high performance iquid chromatography-electrochemical detection].
Jian Mao et. al
Se pu = Chinese journal of chromatography, 27(2), undefined (2009-7-25)
A simple method was developed for the analysis of 6-hydroxy-1-methyl-1,2,3,4-tetrahydro-beta-carboline (6-OH-MTHbetaC), 5-hydroxytryptamine (5-HT) and 5-hydroxyindole acetic acid (5-HIAA) in rat brain by high performance liquid chromatography with el...Read More

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"Heart-cut" bidimensional achiral-chiral liquid chromatography applied to the evaluation of stereoselective metabolism, in vivo biological activity and brain response to chiral drug candidates targeting the central nervous system.
Umberto M Battisti et. al
Journal of chromatography. A, 1443, undefined (2016-3-30)
A "heart-cut" two-dimensional achiral-chiral liquid chromatography triple-quadrupole mass spectrometry method (LC-LC-MS/MS) was developed and coupled to in vivo cerebral microdialysis to evaluate the brain response to the chiral compound (±)-7-chloro...Read More

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Development studies on determination of preservatives decomposition products.
Beata Zabrzewska et. al
Acta poloniae pharmaceutica, 71(4), undefined (2014-10-3)
Preservatives are chemical substances whose role is to protect medicinal products against harmful changes caused by microorganisms. They are added to sterile medicinal products, such as eye drops and multidose solutions for injections, as well as to ...Read More

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Simultaneous determination of testosterone, cortisol, and dehydroepiandrosterone in saliva by stable isotope dilution on-line in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry.
Hiroyuki Kataoka et. al
Analytical and bioanalytical chemistry, 405(1), undefined (2012-10-16)
We have developed a simple and sensitive method for the simultaneous determination of testosterone (TES), cortisol (CRT), and dehydroepiandrosterone (DHEA) in saliva by automated online in-tube solid-phase microextraction (SPME) coupled with liquid c...Read More

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HPLC method development, validation, and impurity characterization of a potent antitumor indenoisoquinoline, LMP776 (NSC 725776).
Jennie Wang et. al
Journal of pharmaceutical and biomedical analysis, 124, undefined (2016-3-13)
An HPLC method for the assay of a DNA topoisomerase inhibitor, LMP776 (NSC 725776), has been developed and validated. The stress testing of LMP776 was carried out in accordance with International Conference on Harmonization (ICH) guidelines Q1A (R2) ...Read More

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High-performance liquid chromatographic determination of tiapride and its phase I metabolite in blood plasma using tandem UV photodiode-array and fluorescence detection.
Milan Nobilis et. al
Journal of chromatography. B, Analytical technologies in the biomedical and life sciences, 879(32), undefined (2011-11-22)
New bioanalytical SPE-HPLC-PDA-FL method for the determination of the neuroleptic drug tiapride and its N-desethyl metabolite was developed, validated and applied to xenobiochemical and pharmacokinetic studies in humans and animals. The sample prepar...Read More

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Improved separation of furocoumarins of essential oils by supercritical fluid chromatography.

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C Desmortreux et. al
Journal of chromatography. A, 1216(42), undefined (2009-9-15)
Separation of furocoumarins has become of a great interest for cosmetic industry and human health, since the recent directive of the European Union. Furocoumarins are a class of compounds presenting varied substituents linked mainly in two positions ...Read More

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HPLC assisted chemobiological standardization of alpha-glucosidase-I enzyme inhibitory constituents from Piper longum Linn-An Indian medicinal plant.
Srinivas V Pullela et. al
Journal of ethnopharmacology, 108(3), undefined (2006-7-29)
Formulations of traditional medicines are usually made up of complex mixture of herbs. However, effective quality control methods in order to select right quality materials are lacking. Though Piper longum is a widely used herb in several Ayurvedic f...Read More

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Nature of the main contaminant in the drug primaquine diphosphate: SFC and SFC-MS methods of analysis.
Ilia Brondz et. al
Journal of pharmaceutical and biomedical analysis, 43(3), undefined (2006-11-3)
The drug primaquine diphosphate is used for causative treatment of malaria. Using HPLC-MS and GC-MS, this research group was previously able to show that the main contaminant of primaquine is the positional isomer quinocide [I. Brondz, D. Mantzilas, ...Read More

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High-performance liquid chromatographic method with UV photodiode-array, fluorescence and mass spectrometric detection for simultaneous determination of galantamine and its phase I metabolites in biological samples.
Jana Maláková et. al
Journal of chromatography. B, Analytical technologies in the biomedical and life sciences, 853(1-2), undefined (2007-4-10)
Galantamine, an alkaloid isolated from the bulbs and flowers of Caucasian snowdrop (Galanthus woronowii, Amaryllidaceae) and related species, is employed in human medicine for the treatment of various neuromuscular and neurodegenerative diseases. Aft...Read More

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System maps for retention of small neutral compounds on a biphenylsiloxane-bonded silica stationary phase in reversed-phase liquid chromatography.
Sanka N Atapattu et. al
Journal of chromatography. A, 1478, undefined (2016-12-6)
The system constants of the solvation parameter model are used to prepare system maps for the retention of small neutral compounds on a biphenylsiloxane-bonded superficially porous silica stationary phase (Kinetex Biphenyl) for aqueous-organic solven...Read More

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Fast high-performance liquid chromatography analysis of phenethylamine alkaloids in Citrus natural products on a pentafluorophenylpropyl stationary phase.
Federica Pellati and Stefania Benvenuti
Journal of chromatography. A, 1165(1-2), undefined (2007-8-7)
In this study, the chromatographic performance of a pentafluorophenylpropyl (PFPP) stationary phase was evaluated for the rapid separation of phenethylamine alkaloids (i.e. (+/-)-octopamine, (+/-)-synephrine, tyramine, N-methyltyramine and hordenine)...Read More

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Chromatographic separation of arsenic species with pentafluorophenyl column and application to rice.
Koji Baba et. al
Journal of chromatography. A, 1354, undefined (2014-6-21)
Arsenic species, including arsenous acid, arsenic acid, methylarsonic acid, and dimethylarsinic acid, were determined using HPLC-ICPMS. The species were separated with a Discovery HS F5 column and a simple, volatile, and isocratic mobile phase of 0.1...Read More

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Advantages of pentafluorophenylpropyl stationary phase over conventional C18 stationary phase--application to analysis of triamcinolone acetonide.
Lucie Havlíková et. al
Talanta, 76(3), undefined (2008-7-1)
A pentafluorophenylpropyl (PFPP) stationary phase was for the first time tested for the simultaneous determination of triamcinolone acetonide, its degradation product triamcinolone and two preservatives, methylparaben, and propylparaben. A new simple...Read More

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Determination of ephedrine alkaloids in Ephedra natural products using HPLC on a pentafluorophenylpropyl stationary phase.
Federica Pellati and Stefania Benvenuti
Journal of pharmaceutical and biomedical analysis, 48(2), undefined (2007-12-14)
In this study a pentafluorophenylpropyl (PFPP) stationary phase was applied to the fast and reliable qualitative and quantitative analysis of ephedrine alkaloids in Ephedra plant material and derivatives. A Discovery HS F5 column (150mmx4.6mm i.d., 5...Read More

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