



568522-U Supelco

Discovery® HS C18 HPLC Column

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

eCl@ss 32110501

FDS

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Conditionnement - SKU	Disponibilité	Prix (EUR)	Quantité
568522-U	Disponible pour expédition le 30.08.18 - A PARTIR DE	710.00	0

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Propriétés

Related Categories	Analytical/Chromatography, C18 Columns, 5 micron, Discovery HPLC Columns, Discovery HS C18, HPLC, Plus...
feature	endcapped
extent of labeling	20% Carbon loading
parameter	≤70 °C temp. range
application(s)	HPLC: suitable
L × I.D.	15 cm × 4.6 mm
surface coverage	3.2 µmol/m²
impurities	<10 ppm metals
matrix	silica gel, high purity, spherical particle platform
matrix active group	C18 (octadecyl) phase
particle size	5 µm
pore size	120 Å
surface area	300 m²/g
operating pH range	2 - 8
suitability	suitable for L1 per USP
mode of chromatography	reversed phase

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Description

- Features and Benefits
- Stable, low bleed for LC-MS applications
 - Scalable from analytical to preparatory
 - Highly stable to ensure excellent run-to-run and lot-to-lot reproducibility
 - Higher hydrophobicity for better resolution of difficult analytes

Recommended products

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Legal Information

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

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Fazli Khuda et. al
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A simple, specific, precise and rapid RP-HPLC-UV method was developed for simultaneous determination of lumefantrine and its metabolite desbutyl lumefantrine in human plasma. Experimental parameters were optimized and the method was validated accordi...[Read More](#)

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Awantika Singh et. al
Rapid communications in mass spectrometry : RCM, 29(6), undefined (2015-7-15)
Adhatoda beddomei and Adhatoda vasica are popular Ayurvedic medicinal plants in India, belonging to the family Acanthaceae. Tricyclic quinazoline alkaloids are found to be the most abundant in these plants which are responsible for broad-spectrum med...[Read More](#)

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Determination of lipoic acid in human plasma by HPLC-ECD using liquid-liquid and solid-phase extraction: Method development, validation and optimization of experimental parameters.
Abad Khan et. al
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A rapid, inexpensive, sensitive and specific HPLC-ECD method for the determination of lipoic acid in human plasma was developed and validated over the linearity range of 0.001-10µg/ml using naproxen sodium as an internal standard (IS). Extraction of ...[Read More](#)

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Lucie Zelena et. al
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Abad Khan et. al
Talanta, 84(3), undefined (2011-4-13)
A new, simple, economical and validated high-performance liquid chromatography linked with electrochemical detector (HPLC-ECD) method has been developed and optimized for different experimental parameters to analyze the most common monothiols and dis...[Read More](#)

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