

HPLC for Small Molecules

Discovery®: Discovery® C8

Discovery® C8 HPLC Column (continued)

I.D. (mm)	L (cm)	Cat. No.	Qty
particle size 5 µm			
2.1	2	577501-U	1 ea
2.1	3	577502-U	1 ea
2.1	5	59352-U21	1 ea
2.1	10	569420-U	1 ea
2.1	12.5	569424-U	1 ea
2.1	15	59353-U21	1 ea
3.0	2	577503-U	1 ea
3.0	5	59352-U30	1 ea
3.0	10	569421-U	1 ea
3.0	15	59353-U30	1 ea
3.0	25	59354-U30	1 ea
4.0	10	569422-U	1 ea
4.0	12.5	569426-U	1 ea
4.0	15	59353-U40	1 ea
4.0	25	59354-U40	1 ea
4.6	5	59352-U	1 ea
4.6	10	569423-U	1 ea
4.6	12.5	569427-U	1 ea
4.6	15	59353-U	1 ea
4.6	25	59354-U	1 ea

Discovery® C8 Supelguard™ Guard Cartridge

I.D. (mm)	L (cm)	Cat. No.	Qty
particle size 5 µm			
2.1	2	59588-U	2 ea
2.1	2	59587-U	1 kit
3.0	2	59580-U	2 ea
3.0	2	59579-U	1 kit
4.0	2	59590-U	2 ea
4.0	2	59589-U	1 kit

Kit includes one cartridge, a stand-alone holder, a piece of tubing, 2 nuts and ferrules.

Discovery® Cyano

Discovery® Cyano HPLC Column

Features and Benefits

- Low hydrophobicity for rapid elution of hydrophobic analytes
- Excellent peak shape and retention of strongly basic analytes
- Retention of polar analytes
- Unique selectivity
- Significantly less retention than C18 (typically requires lower % organic mobile phase)
- Stable, low-bleed LC-MS separations
- Compatible with highly aqueous organic phases

suitable for L10 per USP

loading	4.5% Carbon
base material	silica gel, high purity, spherical
phase	cyanopropyl
surface coverage	3.5 µmol/m ²
metals	<10 ppm
surface area	200 m ² /g
endcapped	Yes
pore size	180 Å
operating pH range	2 - 8
temp. range	≤70 °C

I.D. (mm)	L (cm)	Cat. No.	Qty
particle size 5 µm			
2.1	2	577513-U	1 ea
2.1	5	59355-U21	1 ea
2.1	10	569521-U	1 ea
2.1	15	59356-U21	1 ea
3.0	2	577515-U	1 ea
3.0	10	569522-U	1 ea
3.0	15	59356-U30	1 ea
3.0	25	59357-U30	1 ea
4.0	12.5	569526-U	1 ea
4.0	15	59356-U40	1 ea
4.0	25	59357-U40	1 ea
4.6	2	577517-U	1 ea
4.6	3	577518-U	1 ea
4.6	5	59355-U	1 ea
4.6	10	569520-U	1 ea
4.6	15	59356-U	1 ea
4.6	25	59357-U	1 ea

Discovery® Cyano Supelguard™ Cartridge

I.D. (mm)	L (cm)	Cat. No.	Qty
particle size 5 µm			
2.1	2	59584-U	2 ea
2.1	2	59583-U	1 kit
3.0	2	569571-U	2 ea
3.0	2	569570-U	1 kit
4.0	2	59586-U	2 ea
4.0	2	59585-U	1 kit

Kit includes one cartridge, a stand-alone holder, a piece of tubing, 2 nuts and ferrules.

Pack includes 3 columns, each from a different lot of bonded phase.

Discovery® RP-AmideC16

Discovery® RP-AmideC16 HPLC Column

Features and Benefits

- Excellent retention and resolution of polar compounds
- Unique selectivity compared to C18
- Excellent peak shape and efficiency
- Less hydrophobic than C18 columns
- Compatible with 100% aqueous mobile phases

loading	11% Carbon
base material	silica gel, high purity, spherical
phase	palmitamidopropyl
surface coverage	2.6 µmol/m ²
metals	<10 ppm
surface area	200 m ² /g
endcapped	Yes
pore size	180 Å
operating pH range	2 - 8
temp. range	≤70 °C

I.D. (mm)	L (cm)	Cat. No.	Qty
particle size 5 µm			
2.1	5	50500521	1 ea
2.1	10	569320-U	1 ea
2.1	15	50501321	
3.0	5	505005-30	1 ea
3.0	10	569321-U	1 ea
3.0	12.5	569330-U	1 ea
3.0	15	505013-30	1 ea
3.0	25	505064-30	1 ea
4.0	12.5	569331-U	1 ea
4.0	15	505013-40	1 ea