PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68522-P50-50

Process HPLC Column, RP PFP, 5um, 100A. 50mm ID x 50mm Length. Cogent Brand. 1 EA.

Additional Info

68522-P50-50 Cogent RP PFP™ Process HPLC Column has been a premium value trusted by HPLC laboratories for many years, delivering reliable performance and enhanced selectivity for large scale and production level purification. This column is fully double end capped and bonded via a four carbon linker to a benzene ring substituted with five fluorine atoms, using high purity 100 Å silica.

The column provides multiple retention mechanisms—including π π interactions, dipole interactions, and hydrogen bonding—making it highly effective for halogenated, aromatic, and polar analytes. These mechanisms support improved selectivity and purification efficiency for structurally similar compounds in process-scale workflows.

With a 5 µm particle size, this column supports very high flow rates while maintaining strong chromatographic efficiency and manageable pressure in large diameter HPLC systems.

50 mm Length – Fast Process Scale Purification

MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com