PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68522-P50-100

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

Additional Info

68522-P50-100 Cogent RP PFP™ Process HPLC Column has been a premium value trusted by HPLC laboratories for many years, providing reliable performance and enhanced selectivity for process 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 delivers multiple retention mechanisms—including π π interactions, dipole interactions, and hydrogen bonding—making it highly effective for halogenated, aromatic, and polar analytes. These interactions enable improved separation of structurally similar compounds, which is essential for consistent purity and yield in large scale operations.

With a 5 µm particle size, this column supports extremely high flow rates while maintaining strong chromatographic efficiency and manageable backpressure for large diameter process systems.

100 mm Length – Balanced Performance at Process Scale

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