PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68022-P50-50

Process HPLC Column, RP PFP, 10um, 100A. 50mm ID x 50mm Length. Cogent Brand. 1 EA.

Additional Info

68022-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 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 provides multiple retention mechanisms—including π π interactions, dipole interactions, and hydrogen bonding—making it especially effective for halogenated, aromatic, and polar analytes. These interaction mechanisms improve selectivity and enable efficient separation of structurally similar compounds in large scale workflows.

With a 10 µm particle size, this column provides extremely low backpressure compared to smaller particle columns, allowing very high flow rates and improved compatibility with process scale 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