PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68022-P21-50

Prep HPLC Column, RP PFP, 10um, 100A. 21.2mm ID x 50mm Length. Cogent Brand. 1 EA.

Additional Info

68022-P21-50 Cogent RP PFP™ Prep HPLC Column has been a premium value trusted by HPLC laboratories for many years, delivering reliable performance and enhanced selectivity for preparative and scale up separations. 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 selectivity characteristics are critical in preparative workflows where compound purity and separation efficiency are essential.

With a 10 µm particle size, this column offers very low backpressure compared to smaller particle columns, allowing significantly higher flow rates and improved compatibility with preparative HPLC systems.

50 mm Length – Fast Preparative Separations

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