PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68322-10P-4

HPLC Column, RP PFP, 3um, 4.0mm ID x 100mm Length, 100A. Cogent Brand. 1 EA. CUSTOM ORDER.

Additional Info

The 68322 10P 4 Cogent RP PFP™ HPLC Column is designed for enhanced selectivity of halogenated, aromatic, and polar compounds, delivering improved resolution where traditional C18 phases may not fully separate structurally similar analytes.

This stationary phase incorporates a pentafluorophenyl (PFP, “ F5 ”) ligand bonded via a four carbon linker to high purity silica with full double end capping, enabling multiple interaction mechanisms including π π interactions, dipole interactions, and hydrogen bonding. These combined interactions provide greater selectivity control and improved separation performance.

The 100 /Å pore size offers balanced versatility, supporting both small and moderately sized molecules in analytical workflows.

100 /mm Length – Increased Resolution for Analytical Methods

The 100 /mm length provides a balance between speed and resolving power, improving separation compared to shorter

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