PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68322-10P

HPLC Column, RP PFP, 3um, 4.6mm ID x 100mm Length, 100A. Cogent Brand. 1 EA.

Additional Info

The 68322 10P 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 utilizes 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 broad versatility across small to moderately sized molecules, making this column a strong choice for routine analytical workflows and method development.

100 /mm Length – Increased Resolution for Analytical Workflows

The 100 /mm length provides an optimal balance of resolution and run time, improving separation compared to 50 /mm

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