PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68322-05P-2

HPLC Column, RP PFP, 3um, 2.1mm ID x 50mm Length, 100A. Cogent Brand. 1 EA.

Additional Info

The 68322 05P 2 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 resolve 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, providing multiple interaction mechanisms including π π interactions, dipole interactions, and hydrogen bonding. These mechanisms allow for greater selectivity control and improved separation of structurally similar compounds.

The 100 /Å pore size provides broad applicability across small to moderately sized molecules, making it a versatile choice for analytical and LC MS workflows.

50 /mm Length – Fast Screening & Method Development

The 50 /mm length is optimized for rapid separations and method scouting, enabling efficient evaluation of selectivity.

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