PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68322-15P-4

CUSTOM ITEM. HPLC Column, RP PFP, 3um, 4.0mm ID x 150mm Length, 100A. Cogent Brand. 1 EA.

Additional Info

68322-15P-4 Cogent RP PFP™ HPLC Column has been a premium value trusted by HPLC laboratories for many years, delivering reliable performance and enhanced selectivity for complex 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 ultra high purity silica.

The column chemistry provides multiple retention mechanisms—including π π interactions, dipole interactions, and hydrogen bonding—making it particularly effective for halogenated, aromatic, and polar analytes. It also serves as a suitable alternate column for USP methods where PFP selectivity is advantageous.

With a 3 µm particle size, this column delivers higher efficiency than 5 µm columns of the same phase, producing sharper peaks and improved resolution. As expected, the smaller particle size results in increased backpressure compared to larger particle columns.

150 mm Length – Maximum Resolution for Complex Separations

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