PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68322-25P-4

CUSTOM ITEM: HPLC Column, RP PFP, 3um, 4.0mm ID x 250mm Length, 100A. Cogent Brand. 1 EA.

Additional Info

68322-25P-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 provides multiple retention mechanisms—including π π interactions, dipole interactions, and hydrogen bonding—making it especially effective for halogenated, aromatic, and polar analytes. It also serves as a suitable alternate column for USP methods where PFP selectivity is beneficial.

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

250 mm Length – Maximum Resolution for the Most Demanding Separations

The 250 mm length provides the highest resolving power available in this format, making it ideal for complex samples and

MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com