PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68122-05P

UHPLC Column, RP PFP, 1.8um, 100A. 4.6mm ID x 50mm Length. Cogent Brand. 1 EA.

Additional Info

The 68122 05P Cogent RP PFP™ UHPLC Column is designed for enhanced selectivity of halogenated, aromatic, and polar compounds, providing improved resolution where conventional C18 phases may not fully differentiate analytes.

This stationary phase uses a pentafluorophenyl (PFP) ligand bonded via a four carbon linker to high purity silica with full double end capping, delivering multiple interaction mechanisms including π π interactions, dipole interactions, and hydrogen bonding. These combined interactions allow for greater selectivity control and improved separation of structurally similar compounds.

This column is well suited for USP L43 methods and as an alternative phase for new method development requiring different retention behavior.

50 /mm Length – Fast Analytical Screening & Throughput

The 50 /mm length is optimized for rapid separations and method screening, making it ideal for high throughput analytical

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