PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68322-10P-2

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

Additional Info

The 68322 10P 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 separate 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 combined effects allow for greater selectivity control and improved separation of structurally similar compounds.

The 100 /Å pore size provides versatility across a wide range of analytes, making it suitable for both small and moderately sized molecules in LC MS workflows.

100 /mm Length – Increased Resolution for LC MS Methods

The 100 /mm length provides greater resolving power than 50 /mm columns, improving separation while maintaining

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