PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68522-P50-150

Process HPLC Column, RP PFP, 5um, 100A. 50mm ID x 150mm Length. Cogent Brand. 1 EA.

Additional Info

68522-P50-150 Cogent RP PFP™ Process HPLC Column has been a premium value trusted by HPLC laboratories for many years, providing reliable performance and enhanced selectivity for process scale and production level purification. This column is fully double end capped and bonded via a four carbon linker to a benzene ring substituted with five fluorine atoms, using high purity 100 Å silica.

The column delivers multiple retention mechanisms—including π π interactions, dipole interactions, and hydrogen bonding—making it highly effective for halogenated, aromatic, and polar analytes. These mechanisms are critical for resolving closely related compounds and achieving consistent purity and yield in large scale workflows.

With a 5 µm particle size, this column supports extremely high flow rates typical of 50 mm ID systems while maintaining strong chromatographic efficiency and controlled backpressure.

150 mm Length – Enhanced Resolution at Process Scale

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