PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68522-P50-250

Process HPLC Column, RP PFP, 5um, 100A. 50mm ID x 250mm Length. Cogent Brand. 1 EA.

Additional Info

68522-P50-250 Cogent RP PFP™ Process HPLC Column has been a premium value trusted by HPLC laboratories for many years, delivering consistent performance and enhanced selectivity for large 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 offers multiple retention mechanisms—including π π interactions, dipole interactions, and hydrogen bonding—making it highly effective for halogenated, aromatic, and polar analytes. These interactions are especially valuable for resolving closely related compounds and achieving high purity in complex, process-scale separations.

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.

250 mm Length – Maximum Resolution at Process Scale

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