PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68022-P50-250

Process HPLC Column, RP PFP, 10um, 100A. 50mm ID x 250mm Length. Cogent Brand. 1 EA.

Additional Info

68022-P50-250 Cogent RP PFP™ Process HPLC Column has been a premium value trusted by HPLC laboratories for many years, delivering 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 provides 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 structurally similar compounds and achieving high purity in complex, large scale purification processes.

With a 10 µm particle size, this column offers extremely low backpressure compared to smaller particle sizes, enabling very high flow rates and optimal compatibility with large diameter process HPLC systems.

250 mm Length – Maximum Resolution at Process Scale

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