PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68522-P21-100

Prep HPLC Column, RP PFP, 5um, 100A. 21.2mm ID x 100mm Length. Cogent Brand. 1 EA.

Additional Info

68522-P21-100 Cogent RP PFP™ Prep HPLC Column has been a premium value trusted by HPLC laboratories for many years, delivering consistent performance and enhanced selectivity for preparative and scale up separations. 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 interactions improve separation of structurally similar compounds, which is critical in preparative purification workflows.

With a 5 µm particle size, this column supports higher flow rates typical of preparative HPLC while maintaining strong efficiency and manageable system pressure.

100 mm Length – Balanced Resolution and Throughput

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