PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

84518-05P-2

HPLC Column, RP C18 PE, 5um, 2.1mm ID x 50mm Length, 100A. Cogent Brand. 1 EA.

Additional Info

The 84518 05P 2 Cogent RP C18 PE™ HPLC Column is designed for robust, fast LC MS separations, utilizing 5 /µm particles with a polar embedded amide functional group within a C18 ligand to deliver stable polar retention and consistent chromatographic performance.

Manufactured on high purity silica with fully double end capped bonding, this stationary phase provides:

Reduced silanol interactions

Improved peak shape for polar and basic analytes

Stable retention under high aqueous mobile phase conditions (including 100% water)

The embedded amide group enhances interaction with polar compounds, preventing phase collapse seen in conventional C18 columns, while maintaining strong reversed phase retention for hydrophobic analytes.

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