PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82560-25P-4

HPLC Column, NP Diol, 5um, 4.0mm ID x 250mm Length, 100A. Cogent Brand. 1 EA. Special Order Item.



Additional Info

Cogent NP Diol™ HPLC Columns are designed for normal-phase and HILIC separations of polar and hydrophilic compounds. Manufactured using ultra-high purity silica bonded with a short hydrocarbon ligand containing a terminal diol functional group, this stationary phase provides reproducible retention, excellent stability, and broad solvent compatibility. The non-endcapped surface chemistry offers selectivity consistent with USP L20 classifications, making it an excellent choice for both established methods and new method development.

82560-25P-4 is packed with 5 µm NP Diol™ particles featuring a 100 Å pore size in a 4.0 mm ID x 250 mm format. This highly efficient column configuration provides maximum resolving power and peak capacity for complex separations while maintaining the robustness expected from the NP Diol™ stationary phase. NP Diol™ columns are frequently selected as alternatives to unmodified silica columns because they often provide greater durability and compatibility with a wider range of solvents while maintaining similar retention characteristics for many applications.

The 4.0 mm ID x 250 mm format is ideal for demanding HILIC applications, normal-phase chrom...

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