PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82560-05P-2

HPLC Column, NP Diol, 5um, 2.1mm ID x 50mm Length, 100A. Cogent Brand. 1 EA.



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.

82560-05P-2 is packed with 5 µm NP Diol™ particles featuring a 100 Å pore size in a 2.1 mm ID x 50 mm format. The narrow internal diameter and short column length are ideal for LC-MS compatibility, low solvent consumption, and rapid analysis of polar compounds. NP Diol™ columns are frequently selected as alternatives to unmodified silica columns because they often provide greater robustness and compatibility with a wider range of solvents while maintaining similar retention characteristics for many applications. This stationary phase is well suited for both HILIC and normal-phase chromatography applications.

The 2.1 mm ID x 50 mm format is common...

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