PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82560-25P-3M

HPLC Column, NP Diol, Wide Pore, 5um, 4.6mm ID x 250mm Length, 300A. Cogent Brand. 1 EA.



Additional Info

Cogent NP Diol™ Wide Pore HPLC Columns are designed for normal-phase and HILIC separations of polar and hydrophilic compounds, including larger biomolecules that require enhanced pore accessibility. Manufactured using ultra-high purity 300 Å 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 involving larger molecular weight analytes.

82560-25P-3M is packed with 5 µm NP Diol™ Wide Pore particles featuring a 300 Å pore size in a 4.6 mm ID x 250 mm format. The large pore structure improves accessibility for proteins, peptides, and other higher molecular weight compounds while maintaining excellent retention of hydrophilic and polar analytes. NP Diol™ Wide Pore columns are often selected as alternatives to unmodified silica columns because they provide improved robustness and compatibility with a wider range of solvents while maintaining similar retentio...

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