PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82560-P21-1003M

Prep HPLC Column, NP Diol, Wide Pore, 5um, 300A. 21.2mm ID x 100mm Length. Cogent Brand. 1 EA.



Additional Info

Cogent NP Diol™ Wide Pore Preparative HPLC Columns are designed for purification, scale-up, and preparative chromatography applications involving larger polar and hydrophilic molecules. 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 durability, and broad solvent compatibility. The non-endcapped surface chemistry offers selectivity consistent with USP L20 classifications, making it an excellent choice for established methods and preparative method development involving larger molecular weight analytes.

82560-P21-1003M is packed with 5 µm NP Diol™ Wide Pore particles featuring a 300 Å pore size in a 21.2 mm ID x 100 mm preparative format. The wide pore structure improves accessibility for proteins, peptides, and other larger molecules while maintaining excellent retention of hydrophilic and polar compounds. NP Diol™ Wide Pore columns are frequently selected as alternatives to unmodified silica columns because they often provide improved robustness and compatibility with a wider range of solvents while maintaining similar retenti...

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