PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82560-05P-4

HPLC Column, NP Diol, 5um, 4.0mm ID x 50mm 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.

82560-05P-4 is packed with 5 µm NP Diol™ particles featuring a 100 Å pore size in a 4.0 mm ID x 50 mm format. The short column length is ideal for rapid analyses, method development, and high-throughput workflows while maintaining efficient chromatographic performance. 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.

The 4.0 mm ID x 50 mm format is well suited for normal-phase chromatography, HILIC applications, pharmaceutical analysis, and ro...

MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com