PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82560-SP50-3M

Semi Prep HPLC Column, NP Diol Wide Pore, 5um, 300A. 10mm ID x 50mm Length. Cogent Brand. 1 EA.



Additional Info

Cogent NP Diol™ Wide Pore Semi-Preparative HPLC Columns are designed for purification, method scale-up, and semi-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 semi-preparative method development involving larger molecular weight analytes.

82560-SP50-3M is packed with 5 µm NP Diol™ Wide Pore particles featuring a 300 Å pore size in a 10 mm ID x 50 mm semi-preparative format. The wide pore structure improves accessibility for proteins, peptides, and other larger molecules while maintaining excellent retention of hydrophilic and polar compounds. The larger internal diameter provides increased sample loading capacity compared to analytical columns, while the shorter column length is ideal for rapid purification workflows and reduced solvent consu...

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