PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82060-SP250-3M

Semi Prep HPLC Column, NP Diol Wide Pore, 10um, 300A. 10mm ID x 250mm Length. Cogent Brand. 1 EA.



Additional Info

Cogent NP Diol™ Wide Pore Semi-Prep HPLC Columns are designed for purification of larger polar and hydrophilic compounds using Normal Phase and HILIC chromatographic modes. Manufactured using ultra-high purity silica bonded with a short hydrocarbon ligand containing a terminal diol functional group, this stationary phase provides reproducible retention characteristics and selectivity for challenging compounds that require greater pore accessibility than conventional materials. NP Diol™ Wide Pore is often selected as an alternative to unmodified silica columns when purifying larger molecules.

82060-SP250-3M is packed with 10 µm NP Diol™ Wide Pore particles in a 10 mm ID x 250 mm semi-preparative format with a 300Å pore size. The 10 µm particle size is optimized for semi-preparative chromatography, providing lower operating backpressure while allowing higher flow rates and increased sample loading compared to analytical columns. The 300Å pore structure improves analyte accessibility for larger molecules, while the 250 mm column length provides maximum resolving power and peak capacity for demanding purification applications.

The NP Diol™ Wide Pore stationary phase is non-end...

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