Catalog Number

82060-SP150-3M

Semi Prep HPLC Column, NP Diol Wide Pore, 10um, 300A. 10mm ID x 150mm 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-SP150-3M is packed with 10 µm NP Diol™ Wide Pore particles in a 10 mm ID x 150 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 150 mm column length provides enhanced resolution and purification efficiency.

The NP Diol™ Wide Pore stationary phase is non-end-capped and is ideal for purificat...

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