PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82060-P21-100

Prep HPLC Column, NP Diol, 10um, 100A. 21.2mm ID x 100mm Length. Cogent Brand. 1 EA.



Additional Info

Cogent NP Diol™ Preparative HPLC Columns are designed for high-capacity purification of 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 compounds that may be difficult to purify using traditional reversed-phase methods. NP Diol™ is often selected as an alternative to unmodified silica columns when improved stability and polar selectivity are desired.

82060-P21-100 is packed with 10 µm NP Diol™ particles in a 21.2 mm ID x 100 mm preparative format with a 100Å pore size. The 10 µm particle size is well suited for preparative chromatography, providing lower operating backpressure while allowing high mobile phase flow rates and significant sample loading capacity. The 21.2 mm internal diameter provides excellent loading capacity for purification applications, while the 100 mm length offers an effective balance between throughput and chromatographic resolution.

The NP Diol™ stationary phase is non-end-capped and is ideal for pur...

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