PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40036-P30-100

Prep HPLC Column, Amide, 4um, 100A. 30mm ID x 100mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 40036 P30 100 Amide Preparative HPLC Column is manufactured using Cogent TYPE C™ silica hydride technology, delivering excellent selectivity, faster equilibration, and robust column lifetime for large scale preparative HILIC separations. The amide stationary phase provides strong, reproducible interaction with amine containing and highly polar analytes, while the silica hydride surface minimizes moisture layer variability that can compromise retention and reproducibility with conventional bonded silica amide phases.

This column is designed for high capacity preparative purification workflows where greater resolving power than short 30 /mm formats is required while maintaining efficient throughput.

Preparative Use Case: Amide Chemistry for High Capacity HILIC Purification

Amide stationary phases are particularly effective for preparative purification (" prep ") of highly polar compounds that require stable, reproducible HILIC retention at elevated loadings. This column is commonly selected for purification of:

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