PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40036-P21-150

Prep HPLC Column, Amide, 4um, 100A. 21.2mm ID x 150mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 40036 P21 150 Amide Preparative HPLC Column is manufactured using Cogent TYPE C™ silica hydride technology, delivering excellent selectivity, faster equilibration, and robust column lifetime for high resolution 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 stability on conventional bonded silica amide phases.

This column is designed for full preparative purification workflows where additional resolving power is required beyond shorter preparative formats, while maintaining efficient recovery at elevated loadings.

Preparative Use Case: Amide Chemistry for High Resolution HILIC Purification

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

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