PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69069-SP150

Semi Prep HPLC Column, UDC Cholesterol, 4um, 100A. 10mm ID x 150mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 69069 SP150 Cogent UDC Cholesterol Semi Preparative HPLC Column is designed for maximum resolution purification and high load separations, using 4 /µm TYPE C™ silica hydride particles modified with a cholesterol terminated ligand to deliver unique shape based selectivity.

This stationary phase employs an 11 carbon chain bonded directly to silica hydride with a terminal cholesterol group, forming structured interaction regions that behave as molecular " slots. " These enable separations based on molecular geometry and steric fit, rather than hydrophobic interaction alone—making this column highly effective for isomeric and closely related compounds.

Key design features:

Direct Si – C bonding (no end capping required)

Reduced silanol activity and secondary interactions

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