PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69069-25P-3

CUSTOM ITEM: HPLC Column, UDC Cholesterol, 4um, 3.0mm ID x 250mm Length, 100A. Cogent TYPE-C Brand. 1 EA. CUSTOM ORDER.

Additional Info

The 69069 25P 3 Cogent UDC Cholesterol HPLC Column is designed for maximum separation and peak capacity, using 4 /µm TYPE C™ silica hydride particles modified with a cholesterol terminated ligand to deliver unique shape based selectivity.

This stationary phase incorporates an 11 carbon linker directly bonded to silica hydride with a terminal cholesterol group, creating structured interaction zones that act as molecular “ slots. ” These enable analytes to be separated based on molecular geometry and steric fit, not just hydrophobic interaction—providing selectivity beyond conventional reversed phase columns.

Key structural advantages:

Direct Si – C bonding (no end capping required)

Reduced silanol interactions

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