PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69069-05P-3

CUSTOM ITEM: HPLC Column, UDC Cholesterol, 4um, 3.0mm ID x 50mm Length, 100A. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 69069 05P 3 Cogent UDC Cholesterol HPLC Column delivers unique shape based selectivity using 4 /µm TYPE C™ silica hydride particles modified with a cholesterol terminated ligand.

This stationary phase consists of an 11 carbon chain directly bonded to silica hydride with a cholesterol group at the terminus, forming structured interaction regions that act as molecular " slots. " These enable separation based on molecular shape and steric fit, not just hydrophobicity—providing selectivity beyond traditional reversed phase columns.

Key structural advantages:

Direct Si – C bonding (no end capping required)

Reduced silanol interactions

Improved reproducibility and robustness

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