PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69069-05P

HPLC Column, UDC Cholesterol, 4um, 4.6mm ID x 50mm Length, 100A. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 69069 05P 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 bonded directly to silica hydride with a cholesterol moiety at the terminus, forming structured interaction environments that act as molecular " slots. " These enable separations based on molecular shape, steric orientation, and geometry, not just hydrophobicity—providing selectivity not achievable with conventional reversed phase columns.

Unlike traditional silica:

Direct Si – C bonding eliminates the need for end capping

Reduced silanol activity and secondary interactions

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