PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69069-05P-2

HPLC Column, UDC Cholesterol, 4um, 2.1mm ID x 50mm Length, 100A. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 69069 05P 2 Cogent UDC Cholesterol HPLC Column provides unique shape based selectivity using 4 /µm TYPE C™ silica hydride particles modified with a cholesterol terminated ligand.

This phase consists of an 11 carbon chain bonded directly to silica hydride with a cholesterol moiety at the terminus, forming structured interaction regions that act as molecular " slots. " These enable separations based on molecular geometry and steric fit, not just hydrophobic interaction—delivering selectivity that conventional reversed phase columns cannot achieve.

Unlike traditional silica phases:

Direct Si – C bonding eliminates the need for end capping

Reduced silanol interactions

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