PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69069-10P

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

Additional Info

The 69069 10P Cogent UDC Cholesterol HPLC Column provides unique shape based selectivity using 4 /µm TYPE C™ silica hydride particles functionalized with a cholesterol terminated ligand.

This stationary phase features an 11 carbon chain directly bonded to silica hydride with a cholesterol group at the terminus, creating structured interaction zones that act as molecular “ slots. ” These enable separations based on molecular geometry and steric fit, not just hydrophobic interactions—delivering selectivity beyond conventional reversed phase columns.

Unlike traditional silica phases:

Direct Si – C bonding eliminates the need for end capping

Reduced silanol activity

Improved reproducibility and stability

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