PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69069-P21-100

Prep HPLC Column, UDC Cholesterol, 4um, 100A. 21.2mm ID x 100mm Length, Preparative. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 69069 P21 100 Cogent UDC Cholesterol Preparative HPLC Column is designed for high capacity purification with enhanced resolution, utilizing 4 /µm TYPE C™ silica hydride particles modified with a cholesterol terminated ligand.

This stationary phase incorporates an 11 carbon chain directly bonded to silica hydride with a terminal cholesterol group, forming structured interaction regions that act as molecular " slots. " These allow separations based on molecular geometry, steric fit, and shape, not just hydrophobic interaction—making it especially effective for closely related isomers and complex mixtures.

Key advantages:

Direct Si – C bonding (no end capping required)

Reduced silanol activity and secondary interactions

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