PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69069-SP50

Semi Prep HPLC Column, UDC Cholesterol, 4um, 100A. 10mm ID x 50mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 69069 SP50 Cogent UDC Cholesterol Semi Preparative HPLC Column is designed for high load separations and compound purification, utilizing 4 /µm TYPE C™ silica hydride particles modified with a cholesterol terminated ligand to deliver unique shape based selectivity.

This stationary phase features an 11 carbon chain directly bonded to silica hydride with a cholesterol moiety at the terminus, forming structured interaction sites that act as molecular " slots. " These sites allow separation based on molecular geometry and steric interactions, not just hydrophobicity—making it ideal for difficult isomer separations and complex mixtures.

Unlike traditional reversed phase columns:

Direct Si – C bonding eliminates the need for end capping

Reduced silanol activity and secondary interactions

MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com