PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69269-10P-2

HPLC Column, UDC Cholesterol 2.o, 2.2um, 2.1mm ID x 100mm Length, 120A. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 69269 10P 2 Cogent UDC Cholesterol 2.0 HPLC Column delivers advanced shape based selectivity using 2.2 /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 group at the terminus, creating structured interaction regions that act as molecular " slots. " These allow separation based on molecular shape, steric fit, and geometry, not just hydrophobic interaction—providing selectivity beyond traditional reversed phase columns.

Unlike conventional silica:

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