PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69269-05P-2

HPLC Column, UDC Cholesterol 2.o, 2.2um, 2.1mm ID x 50mm Length, 120A, High. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 69269 05P 2 Cogent UDC Cholesterol 2.0 HPLC Column delivers unique shape based selectivity using 2.2 /µm TYPE C™ silica hydride particles functionalized 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 form " molecular slots. " These allow compounds to be separated not only by hydrophobicity, but by molecular shape and steric fit, providing selectivity unavailable from traditional reversed phase columns.

Unlike conventional silica phases:

No end capping is required (direct Si – C bond)

Reduced secondary interactions

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