# PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

# Catalog Number

## 69069-P30-100

**Prep HPLC Column, UDC Cholesterol, 4um, 100A. 30mm ID x 100mm Length, Preparative. Cogent TYPE-C Brand.**
**1 EA.**

### Additional Info

The 69069 P30 100 Cogent UDC Cholesterol Preparative HPLC Column is designed for high capacity purification with enhanced resolution, using 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 terminal cholesterol group, forming structured interaction regions that act as molecular " slots. " These interactions allow analytes to be separated based on molecular geometry, steric fit, and shape, in addition to hydrophobic interaction—making it especially effective for closely related compounds and isomers.

Key advantages:

Direct Si – C bonding (no end capping required)

Reduced silanol activity and secondary interactions

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