PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

70000-SP50

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

Additional Info

The 70000 SP50 Diamond Hydride Semi Preparative HPLC Column is designed for method scale up and sample purification when analytical scale columns no longer provide sufficient loading capacity. This column enables efficient isolation and collection of milligram level quantities of polar compounds while preserving the selectivity and retention characteristics of Diamond Hydride HILIC chemistry.

Semi Preparative Use Case: Why 10 /mm ID × /50 /mm

The 10 /mm internal diameter classifies this column as semi preparative, making it ideal for laboratories transitioning from analytical HPLC to purification workflows. Compared to 4.6 /mm analytical columns, this format:

Supports significantly higher sample loading

Enables collection of larger fractions

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