PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

70000-SP100

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

Additional Info

The 70000 SP100 Diamond Hydride Semi Preparative HPLC Column is designed for method scale up and purification workflows that require greater chromatographic resolution than shorter semi prep formats can provide. This column enables reliable isolation and collection of milligram level quantities of polar compounds while preserving the selectivity and retention characteristics established at the analytical scale.

Semi Preparative Use Case: Why 10 /mm ID × /100 /mm

The 10 /mm internal diameter classifies this column as semi preparative, making it ideal for laboratories transitioning from analytical HPLC to purification without moving directly into full preparative hardware.

Compared to 50 /mm semi prep columns, the 100 /mm bed length provides:

Increased resolving power for closely eluting compounds

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