PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

70000-SP150

Semi Prep HPLC Column, Diamond Hydride, 4 um, 100 A. 10 mm ID x 150 mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 70000 SP150 Diamond Hydride Semi Preparative HPLC Column is intended for advanced scale up and purification workflows where analytical scale columns do not provide sufficient loading capacity or resolution. This longer 150 /mm configuration delivers substantially increased resolving power for difficult separations while allowing collection of milligram level quantities of target compounds.

Semi Preparative Use Case: Why 10 /mm ID × /150 /mm

The 10 /mm internal diameter places this column squarely in the semi preparative class, making it ideal for laboratories scaling methods from 4.6 /mm analytical columns without moving directly to full preparative systems.

Compared to shorter semi prep formats, the 150 /mm bed length provides:

Significantly higher theoretical plate count

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