PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

70000-P21-150

Prep HPLC Column, Diamond Hydride, 4 um, 100 A. 21.2 mm ID x 150 mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 70000 P21 150 Diamond Hydride Preparative HPLC Column is engineered for resolution critical preparative separations where shorter preparative columns do not provide adequate separation for reliable purification. This extended bed preparative format increases resolving power while maintaining practical throughput for high load workflows.

Preparative Use Case: Why 21.2 mm ID × 150 mm

The 21.2 mm internal diameter classifies this column as fully preparative, supporting milligram to gram scale purification in laboratories operating dedicated preparative HPLC systems.

The 150 mm column length provides a significant increase in chromatographic performance:

Higher theoretical plate count than 50 mm and 100 mm prep columns

Improved resolution of closely eluting or structurally similar compounds

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