PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

70000-P30-150

Prep HPLC Column, Diamond Hydride, 4 um, 100 A. 30 mm ID x 150 mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 70000 P30 150 Diamond Hydride Preparative HPLC Column is engineered for resolution critical, process scale purification where shorter preparative columns do not provide sufficient separation. This extended length, large diameter column increases resolving power while maintaining the high sample capacity required for downstream research, development, or commercial workflows.

Preparative Use Case: Why 30 mm ID × 150 mm

The 30 mm internal diameter defines this column as process scale preparative, intended for laboratories performing large volume injections and collecting substantial quantities of purified analytes.

The 150 mm column length provides meaningful chromatographic advantages:

Increased theoretical plate count versus 50 mm and 100 mm process columns

Improved resolution of closely eluting or structurally similar compounds

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