PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

70000-7.5P

CUSTOM ORDER: HPLC Column, Diamond Hydride, 4 um, 4.6 mm ID x 75 mm Length, 100 A. Cogent TYPE-C Brand. 1 EA.

Additional Info

Short Length Diamond Hydride™ Performance for Fast, Efficient HPLC

The 70000 7.5P Diamond Hydride™ HPLC Column is a custom manufactured analytical column designed for laboratories seeking rapid HILIC separations, reduced analysis time, and lower system backpressure. Built on Cogent TYPE C™ silica hydride technology, this 4.6 mm ID × 75 mm length column delivers fast equilibration, stable retention, and excellent selectivity for polar compounds using conventional HPLC instrumentation.

Although the 75 mm length is less commonly used than standard 100 or 150 mm columns, it provides distinct advantages for high throughput and screening workflows where speed and robustness are prioritized over maximum resolving power.

Why the 75 /mm Length Can Be Advantageous

The 4.6 mm × 75 mm configuration is intentionally selected for applications that benefit from:

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