PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40060-P30-100

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

Additional Info

The 40060 P30 100 Diol Preparative HPLC Column is engineered for high capacity, high resolution preparative purification workflows where shorter or smaller diameter columns no longer provide sufficient resolving power or loading capacity. Manufactured with 4 /µm, 100 /Å Cogent TYPE C™ silica hydride, this column enables efficient isolation and collection of large milligram to gram level quantities of polar and amine containing compounds while preserving the selectivity and retention behavior inherent to Diol chromatography.

The increased column length provides improved separation of complex or closely eluting polar analytes while maintaining scalable preparative performance.

Preparative Use Case: Why 30 /mm ID × /100 /mm

The 30 /mm internal diameter classifies this column as large scale preparative, supporting substantially higher sample loading and fraction volumes than 21.2 /mm formats. Compared to smaller preparative columns, this configuration:

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