PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40008-P30-50

Prep HPLC Column, Bidentate C8, 4um, 100A. 30mm ID x 50mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 40008 P30 50 Cogent Bidentate C8 Preparative Column is designed for high capacity purification and preparative HPLC separations, using 4 /µm, 100 /Å TYPE C™ silica hydride particles to deliver unique selectivity, rapid equilibration, and exceptional durability.

The Bidentate C8 stationary phase provides moderate hydrophobic retention with alternative selectivity, making it particularly useful when C18 phases retain analytes too strongly. It is ideal for isolating hydrophobic molecules, metabolites, and compounds containing amine functionality, especially when large sample loads must be processed and collected.

The 30 /mm internal diameter (ID) places this column firmly in the preparative / purification scale range, allowing significantly higher mass loading compared to analytical columns.

Preparative Column Use Case Framework

50 /mm Length – Speed & Throughput

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