PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68012-P30-250

Prep HPLC Column, RP C12, 10um, 100A. 30.0mm ID x 250mm Length. Cogent Brand. 1 EA.



Additional Info

Cogent RP C12 is a unique reversed-phase preparative HPLC stationary phase based on an adamantane bonded ligand, a rigid diamond-like carbon structure that provides distinctive chromatographic selectivity compared to traditional alkyl phases. The combination of high-purity silica, a narrow particle size distribution, low metal content, complete double endcapping, and the rigid bonded phase design makes this column particularly effective for purifying complex mixtures while supporting rapid equilibration between runs. The phase generally provides retention that falls between C8 and C18 columns, making it an excellent choice when C18 retention is excessive and C8 retention is insufficient.

68012-P30-250 is a preparative HPLC column with dimensions of 30 mm ID x 250 mm length, packed with 10 µm RP C12 particles featuring a 100 Å pore size. The large internal diameter provides exceptionally high sample loading capacity for preparative purification, while the 250 mm length delivers maximum resolving power and peak capacity for demanding separations. The 10 µm particle size supports higher flow rates with lower operating backpressure, making this column well suited for purification...

MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com