PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69220-10P-2

HPLC Column, Phenyl Hydride 2.o, 2.2um, 2.1mm ID x 100mm Length, 120A, High Pressure. Cogent TYPE-C Brand. 1/EA

Additional Info

The 69220 10P 2 Phenyl Hydride /2.o HPLC Column is manufactured using Cogent TYPE C™ silica hydride technology, combining a phenyl selective surface with a silica hydride backbone to deliver excellent selectivity, fast equilibration, and robust column lifetime under high pressure analytical conditions. The 2.2 /µm particle size provides near UHPLC efficiency, making this column a strong choice for high resolution separations of aromatic analytes.

This stationary phase is optimized for applications where phenyl based π – π interactions are required to achieve selectivity beyond conventional reversed phase materials.

Application Focus: Phenyl Hydride Selectivity for Aromatic Compounds

Phenyl Hydride chemistry is selected for compounds containing aromatic rings that are difficult to retain or resolve using standard reversed phase columns. The Phenyl Hydride /2.o phase supports enhanced aromatic retention through π – π and hydrophobic interactions, improving separation performance for challenging analytes.

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