PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69220-15P-2

HPLC Column, Phenyl Hydride 2.o, 2.2um, 2.1mm ID x 150mm Length, 120A, High Pressure. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 69220 15P 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 provide excellent selectivity, fast equilibration, and robust column lifetime under high pressure analytical conditions. The 2.2 /µm particle size delivers near UHPLC efficiency, making this column well suited for high resolution separations of aromatic compounds.

This stationary phase is optimized for applications requiring phenyl based π – π interactions to achieve separations that are difficult or impossible with conventional reversed phase columns.

Application Focus: Phenyl Hydride Selectivity for Aromatic Compounds

Phenyl /Hydride chemistry is selected for analytes containing aromatic rings that are poorly retained or inadequately resolved using standard RP materials. The Phenyl /Hydride /2.o phase enhances retention and resolution through π – π and hydrophobic interactions, delivering improved selectivity for challenging compounds.

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