PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68039-25P

HPLC Column, RP Phenyl Hexyl, 10um, 4.6mm ID x 250mm Length, 100A. Cogent Brand. 1 EA.



Additional Info

Cogent RP Phenyl Hexyl is a highly selective reversed-phase stationary phase designed for enhanced aromatic compound separations. Manufactured on high-purity silica with a fully double endcapped phenyl hexyl (C6-Phenyl) bonded phase, it combines hydrophobic retention with strong π-π interactions. The extended six-carbon linker positions the phenyl ring farther from the silica surface, reducing silanol influence and often providing different selectivity than conventional phenyl phases. This chemistry is commonly used as an alternative for certain USP L11 methods and for challenging aromatic compound separations.

68039-25P is an analytical HPLC column packed with 10 µm RP Phenyl Hexyl particles featuring a 100 Å pore size in a 4.6 mm ID x 250 mm format. The 250 mm column length maximizes resolving power and peak capacity for complex separations where the highest chromatographic resolution is required. The 10 µm particle size supports higher flow rates with lower operating backpressure, making this column suitable for impurity profiling, method development, difficult separations, and preparative method scouting. Typical operating flow rates are approximately 1.0 – 2.0 mL/min depen...

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