PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68139-15P-2

UHPLC Column, RP Phenyl Hexyl, 1.8um, 100A. 2.1mm ID x 150mm Length. Cogent Brand. 1 EA.



Additional Info

Cogent Phenyl Hexyl™ is a reversed-phase UHPLC stationary phase designed to provide enhanced selectivity for aromatic and moderately hydrophobic compounds. Manufactured with a phenyl ring attached through a six-carbon linker and fully double end capped on ultra-high purity silica, this phase offers strong **π-π** interactions while minimizing the influence of residual silanol activity. Compared to traditional Phenyl phases, the extended C6 linker can produce different selectivity, making it particularly valuable for aromatic analytes, positional isomers, pharmaceutical compounds, flavonoids, tocopherols, and natural products.

68139-15P-2 is a UHPLC column packed with 1.8 µm Phenyl Hexyl™ particles featuring a 100 Å pore size in a 2.1 mm ID x 150 mm format. The 150 mm column length maximizes resolution and peak capacity for complex separations, while the sub-2 µm particle technology delivers exceptional chromatographic efficiency. This column is specifically engineered for high-pressure UHPLC applications and is designed to take full advantage of UHPLC instrumentation capable of operating at the elevated pressures generated by 1.8 µm particles. Typical operating flow rates are app...

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