PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68139-10P

UHPLC Column, RP Phenyl Hexyl, 1.8um, 100A. 4.6mm ID x 100mm 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. The extended C6 linker provides different selectivity compared to traditional Phenyl phases, making it especially useful for aromatic analytes, positional isomers, pharmaceutical compounds, flavonoids, tocopherols, and natural products.

68139-10P is a UHPLC column packed with 1.8 µm Phenyl Hexyl™ particles featuring a 100 Å pore size in a 4.6 mm ID x 100 mm format. The 100 mm column length provides increased resolution and peak capacity compared to shorter 50 mm columns, while the sub-2 µm particle technology delivers exceptional efficiency and chromatographic performance. Typical operating flow rates are approximately 1.0 – 2.0 mL/min depending on method conditions and instrument pressure limitations.

Specifically engineered for high-pressure UHPLC applications, this column is ideal for aromatic ...

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