PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68139-10P-2

UHPLC Column, RP Phenyl Hexyl, 1.8um, 100A. 2.1mm 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-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 100 mm format. This popular configuration combines excellent resolution with reduced solvent consumption and is frequently selected for LC-MS applications. The 100 mm length provides greater peak capacity than shorter column formats, while the sub-2 µm particle technology delivers exceptional efficiency for demanding separations. Typical operating flow rates are approximately 0.2 – 0.4 mL/min. Because of the low flow rates required by 2.1 mm ID columns...

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