# PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

# Catalog Number

## 68139-05P-2

**UHPLC Column, RP Phenyl Hexyl, 1.8um, 100A. 2.1mm ID x 50mm 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 can provide different selectivity than traditional Phenyl phases, making it particularly useful for aromatic analytes, positional isomers, pharmaceutical compounds, flavonoids, tocopherols, and natural products.

68139-05P-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 50 mm format. The narrow-bore design reduces solvent consumption and is frequently selected for LC-MS applications. The short 50 mm length is optimized for rapid separations and high-throughput analytical workflows, while the sub-2 µm particle technology provides exceptional efficiency and peak capacity. 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, standard HPLC systems must...

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