PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68539-10P

HPLC Column, RP Phenyl Hexyl, 5um, 4.6mm ID x 100mm Length, 100A. Cogent Brand. 1 EA.



Additional Info

Cogent RP Phenyl Hexyl™ HPLC Columns are designed for reversed-phase separations where enhanced aromatic selectivity and strong π-π interactions are desired. Manufactured using ultra-high purity silica bonded with a six-carbon linker and terminal Phenyl group, this stationary phase is fully double end-capped to minimize secondary interactions and provide highly reproducible chromatographic performance. RP Phenyl Hexyl™ is an excellent alternative for certain USP L11 methods that specify or benefit from Phenyl Hexyl selectivity.

68539-10P is packed with 5 µm RP Phenyl Hexyl™ particles in a 4.6 mm ID x 100 mm format with a 100Å pore size. The 5 µm particle size provides lower operating backpressure than smaller particles while maintaining excellent efficiency and reproducibility. The 100 mm column length offers an excellent balance between chromatographic resolution and analysis speed, making it well suited for routine analytical methods, method development, and quality control applications.

The six-carbon linker positions the Phenyl group farther from the silica surface, increasing π-π interactions while reducing the influence of residual silanol activity. This enhanced sel...

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