PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68539-25P

HPLC Column, RP Phenyl Hexyl, 5um, 4.6mm ID x 250mm 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.

68539-25P is packed with 5 µm RP Phenyl Hexyl™ particles in a 4.6 mm ID x 250 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 extended 250 mm column length provides maximum resolving power and increased peak capacity, making it ideal for complex separations, method development, and analytical methods requiring enhanced resolution.

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 selectiv...

MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com