Catalog Number

68539-15P

HPLC Column, RP Phenyl Hexyl, 5um, 4.6mm ID x 150mm 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 USP L11 methods that specify a Phenyl Hexyl stationary phase as well as for new method development.

68539-15P is packed with 5 µm RP Phenyl Hexyl™ particles in a 4.6 mm ID x 150 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 150 mm column length offers enhanced chromatographic resolution compared to shorter columns, making it ideal for routine analytical methods, method development, and complex separations requiring improved resolving power.

The six-carbon linker positions the Phenyl group farther from the silica surface, increasing π-π interactions while reducing the influence of residual silan...

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