PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68339-15P

HPLC Column, RP Phenyl Hexyl, 3um, 4.6mm ID x 150mm Length, 100A. Cogent Brand. 1 EA.



Additional Info

Cogent RP Phenyl Hexyl™ is a reversed-phase HPLC stationary phase designed to provide enhanced aromatic selectivity through strong π-π interactions while maintaining hydrophobic retention characteristics. Manufactured using a six-carbon linker with a terminal phenyl ring bonded to ultra-high purity silica and fully double end capped, this stationary phase differs from traditional Phenyl phases by positioning the aromatic functionality farther from the silica surface. This increased distance reduces silanol influence and often enhances aromatic interactions, making the phase especially useful for compounds containing benzene rings and other aromatic structures. It is commonly used as an alternative in USP methods that specify L11 chemistry or Phenyl Hexyl phases.

68339-15P is an HPLC column packed with 3 µm RP Phenyl Hexyl™ particles featuring a 100 Å pore size in a 4.6 mm ID x 150 mm format. The 150 mm length provides increased chromatographic resolution and peak capacity compared to shorter column formats, while the 3 µm particles provide greater efficiency and sharper peaks than comparable 5 µm columns. Typical operating flow rates are approximately 0.8 – 1.5 mL/min depending...

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