PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68339-10P-2

HPLC Column, RP Phenyl Hexyl, 3um, 2.1mm ID x 100mm 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.

68339-10P-2 is an HPLC column packed with 3 µm RP Phenyl Hexyl™ particles featuring a 100 Å pore size in a 2.1 mm ID x 100 mm format. This narrow-bore configuration combines enhanced chromatographic resolution with reduced solvent consumption and excellent compatibility with LC-MS instrumentation. The 100 mm length provides greater resolving power than shorter 50 mm columns while maintaining efficient analysis times. ...

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