Catalog Number

68004-P21-1003M

Prep HPLC Column, RP C4, Wide Pore, 10um, 300A. 21.2mm ID x 100mm Length. Cogent Brand. 1 EA.



Additional Info

Cogent RP C4 Butyl Wide Pore is a reversed-phase HPLC stationary phase manufactured using high-purity silica with traditional butyl (C4) ligand bonding and complete double endcapping. The 300 Å wide pore structure provides improved access to the bonded phase for larger biomolecules, making this stationary phase particularly well suited for proteins, peptides, enzymes, and other high-molecular-weight compounds. The moderate hydrophobicity of the C4 ligand offers excellent recovery and chromatographic performance for biomolecule purification while reducing excessive retention often encountered with more hydrophobic phases.

68004-P21-1003M is a preparative HPLC column with dimensions of 21.2 mm ID x 100 mm length, packed with 10 µm RP C4 Butyl Wide Pore particles featuring a 300 Å pore size. The large internal diameter is designed for purification workflows where greater sample loading and fraction collection are required. The 100 mm length provides an ideal balance between throughput and chromatographic resolution, making it suitable for process development, compound isolation, and pilot-scale purification. Typical flow rates are approximately 15 – 40 mL/min depending on solvent ...

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