

Catalog Number

40008-25P-3M

HPLC Column, Bidentate C8 300, 5um, 4.6mm ID x 250mm Length, 300A. Cogent TYPE-C Brand. 1 EA.



Additional Info

This Cogent Bidentate C8 300™ HPLC Column is made with [Cogent TYPE-C™ Silica](#), and an aliphatic hydrocarbon chain with 8 carbon atoms with wide pore size for macro-molecules. This silica hydride based stationary phase provides excellent Selectivity, Faster Equilibration and Extremely Robust Column Lifetimes.

This is not a typical C8 column with 300A pore size because it can produce unique selectivity and retain compounds that normally do not retain on other C8 columns made with standard silica. The hydrophobic 5um, particle with direct silicon-carbon bonds, makes this column more hydrophobic than other C8 columns, yet it can retain some hydrophilic compounds as well if desired especially when used in Aqueous Normal Phase. This column can also be used at very low pH (below 2) with no damage to the column, among many other unique benefits.

Chosen when more separation between closely related compounds or longer retention times is needed for macro-molecules such as proteins and poly saccharides.

MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

tel. (732) 380-8900, fax (910) 769-9435

Email: customers@mtc-usa.com

Website: www.mtc-usa.com

Price

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