Catalog Number

40031-15P-2

HPLC Column, UDA (wcx), 4um, 2.1mm ID x 150mm Length, 100A. Cogent TYPE-C Brand. 1 EA.



Additional Info

40031-15P-2 Cogent UDA™ (weak cation exchange, WCX) HPLC Column is built on Cogent TYPE C™ silica (silica hydride platform), offering a uniquely powerful mixed mode separation mechanism that cannot be replicated with traditional reversed phase or standalone ion exchange columns.

The UDA™ ligand (Undecanoic Acid) consists of an 11 carbon hydrophobic chain with a terminal carboxylic acid group, which enables:

Reversed phase (hydrophobic interactions)

Weak cation exchange (active at pH 6)

HILIC (polar interaction capability)

This multi mode behavior allows highly effective separation of basic, polar, and ionizable analytes, particularly in complex

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