Catalog Number

40000-P21-100

Prep HPLC Column, Silica-C, 4um, 100A. 21.2mm ID x 100mm Length, Preparative. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 40000 P21 100 Silica C™ Preparative HPLC Column is engineered for preparative purification and compound isolation when higher loading capacity and improved separation are required beyond semi preparative formats. Manufactured with 4 /µm, 100 /Å Cogent TYPE C™ silica hydride, this column delivers efficient recovery, fast equilibration, and robust performance for preparative HILIC and normal phase workflows.

The silica hydride surface supports moisture tolerant operation and stable retention behavior, enabling reliable yields and consistent turnaround in preparative scale separations.

Preparative Use Case: Why 21.2 /mm ID × /100 /mm

The 21.2 /mm internal diameter classifies this column as full preparative, supporting high sample loading and large fraction collection volumes. Compared to the 21.2 /× /50 /mm format, this configuration:

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