

SOURCE 15PHE PE

Product Information

Cat#No# SO-191P

Product Overview

SOURCE 15PHE 4.6/100 PE is a Tricorn high performance column pre-packed with SOURCE 15PHE.

Description

SOURCE 15PHE 4.6/100 PE high capacity makes it an excellent choice for preparative hydrophobic interaction purifications at laboratory scale. In addition, its longer bed height provides increased resolution. The column is also useful for optimization studies during scale-up.

Characteristic

High resolution separations at high loads and high flow rates.

Wide range of selectivities.

Reproducible quality.

Excellent scalability.

High chemical and physical stability.

Low backpressure.

Maximum operating pressure

40 bar [4 MPa] (580 psi)

Matrix

Polystyrene/divinyl benzene

Average particle size

15 µm

Ligand

Phenyl

Recommended flow rate

< 5 ml/min

SOURCE 15PHE PE

Recommended column height

100 mm

pH working range

2 to 12

CIP stability

1 to 14

Temperature stability

4 °C to 40 °C

Storage

4 to 30°C, 20% Ethanol

Cleaning-in-place

Wash the column with 8 ml distilled water after each run. Reequilibrate the column with at least 8 ml start buffer until the UV base-line and pH/conductivity values are stable.

Pack size

1.7 mL

Maximum flow velocity

5 ml/min

Dimensions

4.6 × 100 mm

Column i.d.

4.6 mm
