

PreDictor RoboColumn Capto Phenyl (high sub)

Product Information

Cat#No# Pr-182P

Product Overview

These PreDictor RoboColumn minicolumns are prepacked with Capto Phenyl (high sub), a hydrophobic interaction resin that combines high capacity, high flow rate, and low back pressure to reduce process cycle times.

Description

PreDictor RoboColumn units are prepacked, miniaturized columns that support HTPD using a robotic liquid handling workstation, such as Freedom Evo from Tecan, for fully automated and parallel chromatographic separations. Perform HTPD work using PreDictor RoboColumn units, alone or as a complement to PreDictor 96-well filter plates.

Characteristic

Supports high-throughput process development (HTPD) by allowing parallel screening of chromatographic conditions using a miniaturized column format and robotic workstation.

Facilitates screening of a wide range of parameters with small sample consumption.

Prepacked with a range of BioProcess chromatography resins.

Automation and parallel screening, which reduce experimental time and minimize hands-on time.

High-throughput workflow allows investigation of enlarged experimental workspace for better process understanding.

Maximum operating pressure

Up to 8.0 bar

Particle Size

7 to 12 μ m

Recommended flow rate

16 to 1000 cm/h

Recommended column height

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39 mm

Chemical stability

Commonly used aqueous buffers, pH 1 to 14, organic solvents.

Storage

4°C to 30°C

Pack size

200 µL

Dimensions

128.3 × 14.0 × 86.0 mm (w × h × d)

Column i.d.

5 mm