# PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

# Catalog Number

## 68022-P30-50

**Prep HPLC Column, RP PFP, 10um, 100A. 30mm ID x 50mm Length. Cogent Brand. 1 EA.**

### Additional Info

68022-P30-50 Cogent RP PFP™ Prep HPLC Column has been a premium value trusted by HPLC laboratories for many years, delivering reliable performance and enhanced selectivity for preparative and production scale separations. This column is fully double end capped and bonded via a four carbon linker to a benzene ring substituted with five fluorine atoms, using high purity 100 Å silica.

The column provides multiple retention mechanisms—including π π interactions, dipole interactions, and hydrogen bonding—making it especially effective for halogenated, aromatic, and polar analytes. These interactions improve selectivity compared to conventional reversed phase columns, enabling efficient purification of structurally similar compounds.

With a 10 µm particle size, this column offers very low backpressure, allowing significantly higher flow rates and improved compatibility with high capacity preparative HPLC systems.

50 mm Length – Fast Large Scale Purification

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