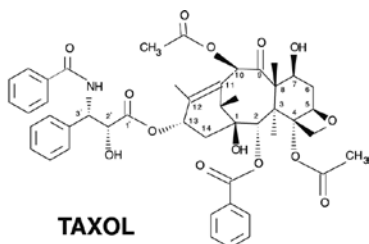


Columns for Taxane Analysis

- High resolution of taxanes
- Use simple mobile phase systems
- Custom synthesized phases
- 3, 5, and 10 μm PFP phase available



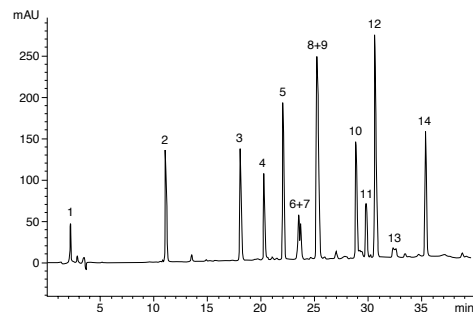
Paclitaxel (Taxol®) and some taxane analogs have shown results as anticancer and antitumor drugs. With the increased demand for testing, the need for more stable and reproducible analytical testing methods has also emerged. Phenomenex has developed several bonded phases specifically for taxane separations.

The Curosil™ PFP (pentafluorophenyl) column offers different selectivity for taxanes. PFP is a popular phase for taxane analysis. In-house testing and customer feedback have shown the Curosil PFP to be extremely useful for complex taxane separations.

App ID 5287

Mixed Taxane Standards on Curosil-PFP

Column:	Curosil-PFP, 5 μm
Dimensions:	250 x 4.6 mm
Part No.:	00G-4012-E0
Mobile Phase:	A/B: Acetonitrile/Water
Gradient:	A/B (25/75) to A/B (65:35) in 40 min
Flow Rate:	1.0 mL/min
Detection:	UV @ 228 nm
Sample:	1. Solvent Peak
	2. 10-Deacetyl Baccatin III
	3. Baccatin III
	4. 7-Xylosyl-10-Deacetyl Cephalomannine
	5. 7-Xylosyl-10-Deacetyl Taxol
	6. Taxinine M
	7. 7-Xylosyl-10-Deacetyl Taxol C
	8. 10-Deacetyl Taxol
	9. 7-Xylosyl Taxol
	10. Cephalomannine
	11. 7-Epi-10-Deacetyl Taxol
	12. Taxol
	13. Taxol C
	14. 7-Epi Taxol



ORDERING INFORMATION

Columns (mm)	50 x 2.0	250 x 2.0	150 x 3.0	250 x 3.2
Phases				
Curosil-PFP-3 μm	00B-4122-B0	—	00F-4122-Y0	—
Curosil-PFP-5 μm	00B-4012-B0	00G-4012-B0	—	00G-4012-R0

Columns (mm) continued	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6	250 x 10	250 x 21.2	Guards 30 x 4.6
Phases							
Curosil-PFP-3 μm	00B-4122-E0	00D-4122-E0	00F-4122-E0	—	—	—	03A-4122-E0
Curosil-PFP-5 μm	00B-4012-E0	—	00F-4012-E0	00G-4012-E0	00G-4012-N0	00G-4012-P0	03A-4012-E0
Curosil-PFP-10 μm	—	—	—	00G-4374-E0	00G-4374-N0	—	—



Other preparative column dimensions and bulk materials available upon request.