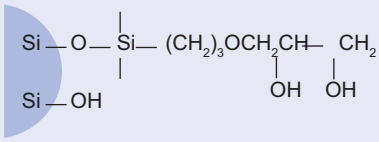
VertiPak™ Diol

- **VertiPak™ Diol SPE is polar sorbent that exhibits both polar and non-polar interactions, depending on the preparation of the column and the nature of the sample matrix**
- **As polar interaction, Diol is more reproducible than Silica. As non-polar interaction, Diol can extract relatively non-polar molecules from aqueous samples**
- **Typical applications include anitibiotics, prostagladins, THC in urine**
- **Tube format is available in 7 tube sizes**
- **Cartridge format is available in 300mg, 600mg and 900mg size**
- **Tubes or cartridges are packaged in zip sealing bag protective from moisture and light**
- **Includes Certificate of Analysis**

Chemical structure



Chemical structure of Diol (2,3-Dihydroxypropoxypropyl) silane, covalently bonded to the surface of a silica particle.

Specifications	
Phase	Diol (2,3-Dihydroxypropoxypropyl)
Base	Irregular-shaped Silica
Particle Size (µm)	50
Pore Size (Å)	60
Surface Area (m^2/g)	500
Carbon Load (%)	7
Bonding	Trifunctional
Endcap	No
pH Stability	2-9

Ordering Information			
Bed Weight	Tube Size	QTY	Part No.
VertiPak™ Diol SPE Tubes			
50mg	1mL	100	0114-0236
50mg	3mL	50	0114-0245
100mg	1mL	100	0114-0336
100mg	3mL	50	0114-0345
100mg	10mL	30	0114-0364
200mg	3mL	50	0114-0445
200mg	10mL	30	0114-0464
500mg	3mL	50	0114-0645
500mg	6mL	30	0114-0654
500mg	10mL	30	0114-0664
1,000mg	6mL	30	0114-0954
2,000mg	12mL	30	0114-1074
5,000mg	25mL	20	0114-12A2
5,000mg	35mL	20	0114-1282
10,000mg	60mL	16	0114-1391
VertiPak™ Diol SPE Cartridges			
300mg		25	0114-0503
300mg		50	0114-0505
300mg		100	0114-0506
600mg		25	0114-0713
600mg		50	0114-0715
600mg		100	0114-0716
900mg		25	0114-0823
900mg		50	0114-0825
900mg		100	0114-0826