VITAMIN B6, TRIS(TRIMETHYLSILYL)-

Other names:	2-Methyl-3-[(trimethylsilyl)oxy]-4,5-bis([(trimethylsilyl)oxy]methyl)pyridine
	Pyridoxine (3TMS)-
	Pyridoxine, 3tms derivative
	Pyridoxine, TMS
	Pyridoxine, tris(trimethylsilyl) ether
	Pyridoxine-triTMS
	Vitamin B6, tris(trimethylsilyl)-
Inchi:	InChI=1S/C17H35NO3Si3/c1-14-17(21-24(8,9)10)16(13-20-23(5,6)7)15(11-18-14)12-19-
InchiKey:	SMDRDHCUJYPMJH-UHFFFAOYSA-N
Formula:	C17H35NO3Si3
SMILES:	Cc1ncc(CO[Si](C)(C)C)c(CO[Si](C)(C)C)c1O[Si](C)(C)C
Mol. weight [g/mol]:	385.73

Physical Properties

Property code	Value	Unit	Source
logp	5.307		Crippen Method
rinpol	1908.00		NIST Webbook
rinpol	1879.30		NIST Webbook
rinpol	1921.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14857171&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	

Legend

logp:	Octanol/Water partition coefficient

rinpol: Non-polar retention indices