Threitol, 1,2,3,4-tetrakis-O-(trimethylsilyl)-, D-

Other names:	Theitol, 4TMS
Inchi:	InChI=1S/C16H42O4Si4/c1-21(2,3)17-13-15(19-23(7,8)9)16(20-24(10,11)12)14-18-22(4,
InchiKey:	ZBFVOPVQUXWTHM-UHFFFAOYSA-N
Formula:	C16H42O4Si4
SMILES:	C[Si](C)(C)OCC(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]:	410.84
CAS:	32381-52-5

Physical Properties

Property code	Value	Unit	Source
log10ws	4.70		Crippen Method
logp	5.130		Crippen Method
rinpol	1502.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C32381525&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:
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