2,2,4,4-Tetramethylcyclobutane-1,3-diol, trans, bis-TMS ether

Inchi: InChI=1S/C14H32O2Si2/c1-13(2)11(15-17(5,6)7)14(3,4)12(13)16-18(8,9)10/h11-12H,1-1

InchiKey: YZJUOXPHPUHEIP-HAQNSBGRSA-N

Formula: C14H32O2Si2

SMILES: CC1(C)C(O[Si](C)(C)C)C(C)(C)C1O[Si](C)(C)C

Mol. weight [g/mol]: 288.57

Physical Properties

Property code	Value	Unit	Source
log10ws	0.41		Crippen Method
logp	4.493		Crippen Method
rinpol	1164.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R179370&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices