Mevalonolactone, diTMS

Inchi: InChI=1S/C12H26O4Si2/c1-12(16-18(5,6)7)8-10(13)14-11(9-12)15-17(2,3)4/h11H,8-9H2
InchiKey: SMFIKCUWXUSFDR-UHFFFAOYSA-N
Formula: C12H26O4Si2
SMILES: CC1(O[Si](C)(C)C)CC(=O)OC(O[Si](C)(C)C)C1
Mol. weight [g/mol]: 290.50

Physical Properties

Property code	Value	Unit	Source
log10ws	1.40		Crippen Method
logp	3.111		Crippen Method
rinpol	1388.00		NIST Webbook
rinpol	1388.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R273388&Units=SI

Legend

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