Mevalonolactone TBDMS

Inchi: InChI=1S/C18H38O4Si2/c1-16(2,3)23(8,9)21-15-13-18(7,12-14(19)20-15)22-24(10,11)17

InchiKey: VCLDVXXAJIJLJX-UHFFFAOYSA-N

Formula: C18H38O4Si2

SMILES: CC1(O[Si](C)(C)C(C)(C)C)CC(=O)OC(O[Si](C)(C)C(C)(C)C)C1

Mol. weight [g/mol]: 374.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.11		Crippen Method
logp	5.452		Crippen Method
rinpol	1625.00		NIST Webbook
rinpol	1625.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R277053&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