Propanoic acid, 2-methyl-2,3-bis[(trimethylsilyl)oxy]-, trimethylsilyl ester

Other names: 2,3-Dihydroxy-2-methylpropanoic acid, 3tms derivative
Inchi: InChI=1S/C13H32O4Si3/c1-13(17-20(8,9)10,11-15-18(2,3)4)12(14)16-19(5,6)7/h11H2,1-
InchiKey: WVOZKTFEMFSGRX-UHFFFAOYSA-N
Formula: C13H32O4Si3
SMILES: CC(CO[Si](C)(C)C)(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 336.65
CAS: 38166-00-6

Physical Properties

Property code	Value	Unit	Source
log10ws	3.43		Crippen Method
logp	3.826		Crippen Method
rinpol	1348.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C38166006&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