2-Hydroxy-3-methylvaleric acid, TBDMS

Inchi: InChI=1S/C12H26O3Si/c1-8-9(2)10(13)11(14)15-16(6,7)12(3,4)5/h9-10,13H,8H2,1-7H3
InchiKey: MPXWQXJEVGPXND-UHFFFAOYSA-N
Formula: C12H26O3Si
SMILES: CCC(C)C(O)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 246.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.89		Crippen Method
logp	2.942		Crippen Method
rinpol	1680.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R563007&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