2,2-Dimethylglutaric acid, TBDMS

Inchi: InChI=1S/C19H40O4Si2/c1-17(2,3)24(9,10)22-15(20)13-14-19(7,8)16(21)23-25(11,12)18

InchiKey: IQIXESCUEIPTRG-UHFFFAOYSA-N

Formula: C19H40O4Si2

SMILES: CC(C)(CCC(=O)O[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 388.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.36		Crippen Method
logp	5.890		Crippen Method
rinpol	1956.00		NIST Webbook
rinpol	1956.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R562900&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