2,2-Dimethylsuccinic acid, TBDMS

Inchi: InChI=1S/C18H38O4Si2/c1-16(2,3)23(9,10)21-14(19)13-18(7,8)15(20)22-24(11,12)17(4,

InchiKey: IUXVNTDYFCZPOF-UHFFFAOYSA-N

Formula: C18H38O4Si2

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

Mol. weight [g/mol]: 374.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.94		Crippen Method
logp	5.499		Crippen Method
rinpol	1773.00		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=R562915&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices