

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(4,5)
InchiKey: IUXVNTDYFCZPOF-UHFFFAOYSA-N
Formula: C18H38O4Si2
SMILES: CC(C)(CC(=O)O[Si](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

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<https://www.chemeo.com/cid/13-370-6/2-2-Dimethylsuccinic-acid-TBDMS.pdf>

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