

Octenedioic acid, diTBDMMS

Inchi: InChI=1S/C20H40O4Si2/c1-19(2,3)25(7,8)23-17(21)15-13-11-12-14-16-18(22)24-26(9,10)
InchiKey: YSXNQIJBQDATNW-FYWRMAATSA-N
Formula: C20H40O4Si2
SMILES: CC(C)(C)[Si](C)(C)OC(=O)C=CCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 400.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.87		Crippen Method
logp	6.200		Crippen Method
rinpol	2152.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R277137&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/95-888-2/Octenedioic-acid-diTBDMMS.pdf>

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