

3,6-Epoxydodecanedioic acid, diTMS

Inchi: InChI=1S/C18H36O5Si2/c1-24(2,3)22-17(19)11-9-7-8-10-15-12-13-16(21-15)14-18(20)2
InchiKey: MAVJRPFYJZHPD-UHFFFAOYSA-N
Formula: C18H36O5Si2
SMILES: C[Si](C)(C)OC(=O)CCCCC1CCC(CC(=O)O[Si](C)(C)C)O1
Mol. weight [g/mol]: 388.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.39		Crippen Method
logp	4.631		Crippen Method
rinpol	2171.00		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=R273180&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/120-887-4/3-6-Epoxydodecanedioic-acid-diTMS.pdf>

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