

Dodecanoic acid, 9,10-epoxy-12-hydroxy, TMS-ether, OH-TMS

Inchi: InChI=1S/C18H38O4Si2/c1-23(2,3)20-15-17-16(21-17)13-11-9-7-8-10-12-14-18(19)22-2
InchiKey: IYBRDDKBLLNBMU-UHFFFAOYSA-N
Formula: C18H38O4Si2
SMILES: C[Si](C)(C)OCC1OC1CCCCCCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 374.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.61		Crippen Method
logp	5.104		Crippen Method
rinpol	2100.00		NIST Webbook
rinpol	2100.00		NIST Webbook

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=R554855&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/64-388-1/Dodecanoic-acid-9-10-epoxy-12-hydroxy-TMS-ether-OH-TMS.pdf>

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