

Mevalonolactone TBDMS

Inchi: InChI=1S/C18H38O4Si2/c1-16(2,3)23(8,9)21-15-13-18(7,12-14(19)20-15)22-24(10,11)17
InchiKey: VCLDVXXAJIJLJX-UHFFFAOYSA-N
Formula: C18H38O4Si2
SMILES: CC1(O[Si](C)(C)C(C)(C)C)CC(=O)OC(O[Si](C)(C)C(C)(C)C)C1
Mol. weight [g/mol]: 374.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.11		Crippen Method
logp	5.452		Crippen Method
rinpol	1625.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R277053&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/116-203-7/Mevalonolactone-TBDMS.pdf>

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