

Mevalonic lactone, trimethylsilyl deriv.

Other names:	Mevalonic lactone, trimethylsilyl Mevalonic acid, lactone, TMS Mevalonolactone, monoTMS Mevalonic acid, lactone, TMS ether Mevalonic acid, lactone, trimethylsilyl ether Mevalonic acid, mono-TMS MEVALONOLACTONE TMS Mevalonolactone, tms derivative
Inchi:	InChI=1S/C9H18O3Si/c1-9(12-13(2,3)4)5-6-11-8(10)7-9/h5-7H2,1-4H3
InchiKey:	CNPIMSSSHNMVFPM-UHFFFAOYSA-N
Formula:	C9H18O3Si
SMILES:	CC1(O[Si](C)(C)C)CCOC(=O)C1
Mol. weight [g/mol]:	202.32
CAS:	102146-02-1

Physical Properties

Property code	Value	Unit	Source
log10ws	0.40		Crippen Method
logp	1.934		Crippen Method
rinpol	1360.00		NIST Webbook
rinpol	1393.00		NIST Webbook
rinpol	1380.00		NIST Webbook
rinpol	1359.00		NIST Webbook
rinpol	1360.00		NIST Webbook
rinpol	1359.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C102146021&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.cheméo.com/cid/19-014-5/Mevalonic-lactone-trimethylsilyl-deriv.pdf>

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