

Lactic acid dimer, bis(trimethylsilyl)-

Other names:	2-Hydroxypropanoyl-2-hydroxypropanoic acid, TMS ether, TMS ester Lactic acid, dimer, bis-TMS Lactic acid lactate, bis-TMS Lactic acid, dimer, TMS 2-Hydroxypropanoyl-2-hydroxypropanoic acid, TMS
Inchi:	InChI=1S/C12H26O5Si2/c1-9(12(14)17-19(6,7)8)15-11(13)10(2)16-18(3,4)5/h9-10H,1-8H
InchiKey:	FVBQJWKLXFIVOU-UHFFFAOYSA-N
Formula:	C12H26O5Si2
SMILES:	CC(OC(=O)C(C)O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	306.50
CAS:	343224-19-1

Physical Properties

Property code	Value	Unit	Source
log10ws	2.02		Crippen Method
logp	2.536		Crippen Method
rinpol	1376.00		NIST Webbook
rinpol	1394.00		NIST Webbook
rinpol	1376.00		NIST Webbook
rinpol	1394.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C343224191&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/124-597-2/Lactic-acid-dimer-bis-trimethylsilyl.pdf>

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