

Lactic acid ditbdms

Other names:	Lactic acid, TBDMS Lactic acid, bis-TBDMS Lactic acid, bis-DMTBS Lactic acid, DMTBS Lactic acid, 2tbdms derivative
Inchi:	InChI=1S/C15H34O3Si2/c1-12(17-19(8,9)14(2,3)4)13(16)18-20(10,11)15(5,6)7/h12H,1-1
InchiKey:	YZJJQQKVFWRPJH-UHFFFAOYSA-N
Formula:	C15H34O3Si2
SMILES:	CC(O[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	318.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.26		Crippen Method
logp	4.945		Crippen Method
rinpol	1492.00		NIST Webbook
rinpol	1491.00		NIST Webbook
rinpol	1489.05		NIST Webbook
rinpol	1490.00		NIST Webbook
rinpol	1483.00		NIST Webbook
rinpol	1491.00		NIST Webbook
rinpol	1492.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U331751&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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