

# L-(+)-Lactic acid, tert-butyldimethylsilyl ether, tert-butyldimethylsilyl ester

Other names:	L-(+)-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	1482.00		NIST Webbook

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333994&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333994&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## 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/34-293-9/L-Lactic-acid-tert-butyldimethylsilyl-ether-tert-butyldimethylsilyl-ester.pdf>

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