

# L-(+)-Lactic acid, trimethylsilyl ether, trimethylsilyl ester

Other names:	L-(+)-lactic acid, 2tms derivative
Inchi:	InChI=1S/C9H22O3Si2/c1-8(11-13(2,3)4)9(10)12-14(5,6)7/h8H,1-7H3
InchiKey:	HXRGKEOWDNVHPA-UHFFFAOYSA-N
Formula:	C9H22O3Si2
SMILES:	CC(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	234.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.25		Crippen Method
logp	2.604		Crippen Method
rinpola	1055.10		NIST Webbook
rinpola	1055.10		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
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=U333995&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333995&amp;Units=SI</a>

## Legend

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

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