

# L-Methionine, trimethylsilyl ester

<b>Other names:</b>	L-methionine, tms derivative
<b>Inchi:</b>	InChI=1S/C8H19NO2SSi/c1-12-6-5-7(9)8(10)11-13(2,3)4/h7H,5-6,9H2,1-4H3
<b>InchiKey:</b>	DJSOWYSMQHQIEA-UHFFFAOYSA-N
<b>Formula:</b>	C8H19NO2SSi
<b>SMILES:</b>	CSCCC(N)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	221.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.49		Crippen Method
logp	1.445		Crippen Method
rinpol	1420.00		NIST Webbook
rinpol	1411.40		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333294&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333294&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/49-947-7/l-Methionine-trimethylsilyl-ester.pdf>

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