

# L-Alanine, trimethylsilyl ester

<b>Other names:</b>	L-alanine, tms derivative
<b>Inchi:</b>	InChI=1S/C6H15NO2Si/c1-5(7)6(8)9-10(2,3)4/h5H,7H2,1-4H3
<b>InchiKey:</b>	OTZAXEIMULLWKT-UHFFFAOYSA-N
<b>Formula:</b>	C6H15NO2Si
<b>SMILES:</b>	CC(N)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	161.27

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.21		Crippen Method
logp	0.712		Crippen Method
rinpol	931.80		NIST Webbook
rinpol	931.80		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333281&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333281&amp;Units=SI</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/18-038-0/l-Alanine-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-28 00:45:24.225420136 +0000 UTC m=+16554373.145997454.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.