

# N-(Trimethylsilyl)acetamide

<b>Other names:</b>	Trimethylsilylacetamide Acetamide, N-(trimethylsilyl)- CT3250
<b>Inchi:</b>	InChI=1S/C5H13NOSi/c1-5(7)6-8(2,3)4/h1-4H3,(H,6,7)
<b>InchiKey:</b>	LWFWUJCKPUZLV-UHFFFAOYSA-N
<b>Formula:</b>	C5H13NOSi
<b>SMILES:</b>	CC(=O)N[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	131.25
<b>CAS:</b>	13435-12-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.07		Crippen Method
logp	0.957		Crippen Method
tb	458.50 ± 0.50	K	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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C13435126&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C13435126&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>tb:</b>	Normal Boiling Point Temperature

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