

# N-Trimethylsilyl-2-pyrrolidinone

<b>Other names:</b>	2-Pyrrolidinone, 1-(trimethylsilyl)- 2-Pyrrolidinone, N-trimethylsilyl- 1-(trimethylsilyl)pyrrolidin-2-one
<b>Inchi:</b>	InChI=1S/C7H15NOSi/c1-10(2,3)8-6-4-5-7(8)9/h4-6H2,1-3H3
<b>InchiKey:</b>	LUBVCBITQHEVCJ-UHFFFAOYSA-N
<b>Formula:</b>	C7H15NOSi
<b>SMILES:</b>	C[Si](C)(C)N1CCCC1=O
<b>Mol. weight [g/mol]:</b>	157.29
<b>CAS:</b>	14468-90-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.96		Crippen Method
logp	1.444		Crippen Method
rinpol	1143.60		NIST Webbook
rinpol	1143.60		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=C14468907&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C14468907&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

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