

# N-trimethylsilylaziridine

<b>Other names:</b>	Trimethylsilylethyleneimine
<b>Inchi:</b>	InChI=1S/C5H13NSi/c1-7(2,3)6-4-5-6/h4-5H2,1-3H3
<b>InchiKey:</b>	OHCNQFYTLLGNOE-UHFFFAOYSA-N
<b>Formula:</b>	C5H13NSi
<b>SMILES:</b>	C[Si](C)(C)N1CC1
<b>Mol. weight [g/mol]:</b>	115.25
<b>CAS:</b>	2116-90-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.57		Crippen Method
logp	1.137		Crippen Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	10.50	kJ/mol	192.50	NIST Webbook

## Sources

<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=C2116907&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C2116907&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>

## Legend

<b>hfust:</b>	Enthalpy of fusion at a given temperature
<b>log10ws:</b>	Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

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