

# Thiirane, 2-(trimethylsilyl)-

<b>Inchi:</b>	InChI=1S/C5H12SSi/c1-7(2,3)5-4-6-5/h5H,4H2,1-3H3
<b>InchiKey:</b>	KNMJTOGLWMTLIV-UHFFFAOYSA-N
<b>Formula:</b>	C5H12SSi
<b>SMILES:</b>	C[Si](C)(C)C1CS1
<b>Mol. weight [g/mol]:</b>	132.30
<b>CAS:</b>	114693-68-4

## Physical Properties

Property code	Value	Unit	Source
ie	8.44 ± 0.05	eV	NIST Webbook
log10ws	0.64		Crippen Method
logp	1.979		Crippen Method

## 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=C114693684&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C114693684&amp;Units=SI</a>

## Legend

<b>ie:</b>	Ionization energy
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

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<https://www.chemeo.com/cid/77-736-0/Thiirane-2-trimethylsilyl.pdf>

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