

# Silane, diisothiocyanatodimethyl-

<b>Other names:</b>	Dimethyldiisothiocyanatosilane diisothiocyanatodimethylsilane
<b>Inchi:</b>	InChI=1S/C4H6N2S2Si/c1-9(2,5-3-7)6-4-8/h1-2H3
<b>InchiKey:</b>	WCCKEPKWCKHBLU-UHFFFAOYSA-N
<b>Formula:</b>	C4H6N2S2Si
<b>SMILES:</b>	C[Si](C)(N=C=S)N=C=S
<b>Mol. weight [g/mol]:</b>	174.32
<b>CAS:</b>	13125-51-4

## Physical Properties

Property code	Value	Unit	Source
ie	9.52	eV	NIST Webbook
log10ws	4.01e-03		Crippen Method
logp	1.894		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=C13125514&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C13125514&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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