

# 2-Trimethylsilyl-1,3-dithiane

<b>Other names:</b>	Silane, 1,3-dithian-2-yltrimethyl-
<b>Inchi:</b>	InChI=1S/C7H16S2Si/c1-10(2,3)7-8-5-4-6-9-7/h7H,4-6H2,1-3H3
<b>InchiKey:</b>	BTTUMVHWIAXYPJ-UHFFFAOYSA-N
<b>Formula:</b>	C7H16S2Si
<b>SMILES:</b>	C[Si](C)(C)C1SCCCS1
<b>Mol. weight [g/mol]:</b>	192.42
<b>CAS:</b>	13411-42-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.58		Crippen Method
logp	3.060		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.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=C13411422&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C13411422&amp;Units=SI</a>

## Legend

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

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