

Trimethylsilyl methyl sulfide

Other names:	(CH ₃) ₃ SiSCH ₃ Methylthiotrimethylsilane Silane, trimethyl(methylthio)- trimethyl(methylthio)silane
Inchi:	InChI=1S/C4H12SSi/c1-5-6(2,3)4/h1-4H3
InchiKey:	JDYCDPFQWXHUDL-UHFFFAOYSA-N
Formula:	C ₄ H ₁₂ SSi
SMILES:	CS[Si](C)(C)C
Mol. weight [g/mol]:	120.29
CAS:	3908-55-2

Physical Properties

Property code	Value	Unit	Source
ie	8.40	eV	NIST Webbook
ie	8.69 ± 0.05	eV	NIST Webbook
log10ws	0.57		Crippen Method
logp	2.184		Crippen Method
rinqol	745.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3908552&Units=SI

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinqol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/64-629-3/Trimethylsilyl-methyl-sulfide.pdf>

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