

Thiirane, 2,3-di(trimethylsilyl)-

Inchi:	InChI=1S/C8H20SSi2/c1-10(2,3)7-8(9-7)11(4,5)6/h7-8H,1-6H3
InchiKey:	SEYGWXIPNFSGOI-UHFFFAOYSA-N
Formula:	C8H20SSi2
SMILES:	C[Si](C)(C)C1SC1[Si](C)(C)C
Mol. weight [g/mol]:	204.48
CAS:	114693-66-2

Physical Properties

Property code	Value	Unit	Source
ie	8.10	eV	NIST Webbook
ie	8.19 ± 0.05	eV	NIST Webbook
log10ws	1.71		Crippen Method
logp	3.225		Crippen Method

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=C114693662&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/26-226-2/Thiirane-2-3-di-trimethylsilyl.pdf>

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