

1,1-Dichloro-1-silacyclo-3-pentene

Other names:	Silacyclopent-3-ene,1,1-dichloro- 1,1-Dichloro-1-silacyclopent-3-ene 1,1-Dichloro-1-silacyclopentene-3 1,1-Dichlorosilacyclo-3-pentene
Inchi:	InChI=1S/C4H6Cl2Si/c5-7(6)3-1-2-4-7/h1-2H,3-4H2
InchiKey:	KXQIMLAMKLUPJR-UHFFFAOYSA-N
Formula:	C4H6Cl2Si
SMILES:	Cl[Si]1(Cl)CC=CC1
Mol. weight [g/mol]:	153.08
CAS:	872-46-8

Physical Properties

Property code	Value	Unit	Source
ie	9.67	eV	NIST Webbook
ie	9.63	eV	NIST Webbook
log10ws	-0.18		Crippen Method
logp	2.476		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C872468&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/64-151-3/1-1-Dichloro-1-silacyclo-3-pentene.pdf>

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