

Disiloxane, 1,3-dichloro-1,1,3,3-tetramethyl-

Other names:	1,3-Dichlorotetramethyldisiloxane 1,3-Dichloro-1,1,3,3-tetramethyl disiloxane Sym-dichlorotetramethyldisiloxane
Inchi:	InChI=1S/C4H12Cl2OSi2/c1-8(2,5)7-9(3,4)6/h1-4H3
InchiKey:	DMEXFOUCEOWRGD-UHFFFAOYSA-N
Formula:	C4H12Cl2OSi2
SMILES:	C[Si](C)(Cl)O[Si](C)(C)Cl
Mol. weight [g/mol]:	203.21
CAS:	2401-73-2

Physical Properties

Property code	Value	Unit	Source
log10ws	1.84		Crippen Method
logp	2.884		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	40.30	kJ/mol	353.00	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=C2401732&Units=SI

Legend

hvapt: Enthalpy of vaporization at a given temperature
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

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