

1,5-Dichlorohexamethyltrisiloxane

Other names:	1,5-Dichloro-1,1,3,3,5,5-hexamethyl trisiloxane Trisiloxane, 1,5-dichloro-1,1,3,3,5,5-hexamethyl-
Inchi:	InChI=1S/C6H18Cl2O2Si3/c1-11(2,7)9-13(5,6)10-12(3,4)8/h1-6H3
InchiKey:	GJIYNWRLGOMDEX-UHFFFAOYSA-N
Formula:	C6H18Cl2O2Si3
SMILES:	C[Si](C)(Cl)O[Si](C)(C)O[Si](C)(C)Cl
Mol. weight [g/mol]:	277.37
CAS:	3582-71-6

Physical Properties

Property code	Value	Unit	Source
log10ws	3.29		Crippen Method
logp	3.603		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	49.80	kJ/mol	378.00	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3582716&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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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