

1,3-bis(dichloromethyl)-1,1,3,3-tetramethyldisiloxane

Other names:	1,3-Bis(dichloromethyl)tetramethyldisiloxane
Inchi:	InChI=1S/C6H14Cl4OSi2/c1-12(2,5(7)8)11-13(3,4)6(9)10/h5-6H,1-4H3
InchiKey:	YMDCHYWOAHMASL-UHFFFAOYSA-N
Formula:	C6H14Cl4OSi2
SMILES:	C[Si](C)(O[Si](C)(C)C(Cl)Cl)C(Cl)Cl
Mol. weight [g/mol]:	300.16
CAS:	2943-70-6

Physical Properties

Property code	Value	Unit	Source
log10ws	0.48		Crippen Method
logp	4.099		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	422.50 ± 0.50	K	5.30	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=C2943706&Units=SI

Legend

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

tbrp: Boiling point at reduced pressure

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