Silane, chlorobis(chloromethyl)methyl-

Other names:	Di(chloromethyl)methylchlorosilane
	Bis(chloromethyl)methylchlorosilane
	Dichloromethylmethyldichlorosilane
	chlorobis(chloromethyl)methylsilane
Inchi:	InChI=1S/C3H7Cl3Si/c1-7(6,2-4)3-5/h2-3H2,1H3
InchiKey:	CKNVNQHQPPZERM-UHFFFAOYSA-N
Formula:	C3H7Cl3Si
SMILES:	C[Si](Cl)(CCl)CCl
Mol. weight [g/mol]:	177.53
CAS:	18171-56-7

Physical Properties

Property code	Value	Unit	Source
log10ws	0.24		Crippen Method
logp	2.357		Crippen Method
tb	422.00	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18171567&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

Latest version available from:
https://www.chemeo.com/cid/98-737-6/Silane-chlorobis-chloromethyl-methyl.pdf

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