

(Dichloromethyl)dimethyl chlorosilane

Other names:	chloro(dichloromethyl)dimethylsilane
Inchi:	InChI=1S/C3H7Cl3Si/c1-7(2,6)3(4)5/h3H,1-2H3
InchiKey:	OICVMMJHLFRGHF-UHFFFAOYSA-N
Formula:	C3H7Cl3Si
SMILES:	C[Si](C)(Cl)C(Cl)Cl
Mol. weight [g/mol]:	177.53
CAS:	18171-59-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.28		Crippen Method
logp	2.773		Crippen Method
tb	422.00	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18171590&Units=SI

Legend

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

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<https://www.cheméo.com/cid/97-015-8/Dichloromethyl-dimethyl-chlorosilane.pdf>

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