

Bis(chloromethyl)dimethylsilane

Other names:	(CH ₃) ₂ Si(CH ₂ Cl) ₂ Silane, bis(chloromethyl)dimethyl-
Inchi:	InChI=1S/C4H10Cl2Si/c1-7(2,3-5)4-6/h3-4H2,1-2H3
InchiKey:	TVRFAOJPBXYIRM-UHFFFAOYSA-N
Formula:	C ₄ H ₁₀ Cl ₂ Si
SMILES:	C[Si](C)(CCl)CCl
Mol. weight [g/mol]:	157.11
CAS:	2917-46-6

Physical Properties

Property code	Value	Unit	Source
ie	10.32	eV	NIST Webbook
log10ws	0.55		Crippen Method
logp	2.251		Crippen Method

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=C2917466&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/49-818-0/Bis-chloromethyl-dimethylsilane.pdf>

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