

Silane, (chloromethyl)ethenyldimethyl-

Other names:	Silane, (chloromethyl)dimethylvinyl- (Chloromethyl)dimethylvinylsilane (Chloromethyl)ethenyldimethylsilane
Inchi:	InChI=1S/C5H11ClSi/c1-4-7(2,3)5-6/h4H,1,5H2,2-3H3
InchiKey:	SZZZMXFBKWPBU-UHFFFAOYSA-N
Formula:	C5H11ClSi
SMILES:	C=C[Si](C)(C)CCl
Mol. weight [g/mol]:	134.68
CAS:	16709-86-7

Physical Properties

Property code	Value	Unit	Source
log10ws	0.43		Crippen Method
logp	2.198		Crippen Method
tb	394.50 ± 0.50	K	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C16709867&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/65-997-4/Silane-chloromethyl-ethenyldimethyl.pdf>

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