

Silane, chloroethenyldimethyl-

Other names:	Dimethylvinylchlorosilane Vinyl dimethylchlorosilane CV-4720 Chlorodimethylvinylsilane
Inchi:	InChI=1S/C4H9ClSi/c1-4-6(2,3)5/h4H,1H2,2-3H3
InchiKey:	XSDCTSITJJDPY-UHFFFAOYSA-N
Formula:	C4H9ClSi
SMILES:	C=C[Si](C)(C)Cl
Mol. weight [g/mol]:	120.65
CAS:	1719-58-0

Physical Properties

Property code	Value	Unit	Source
log10ws	0.36		Crippen Method
logp	2.155		Crippen Method
rinpol	653.00		NIST Webbook
rinpol	653.00		NIST Webbook
tb	355.00	K	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=C1719580&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/80-753-7/Silane-chloroethenyldimethyl.pdf>

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