

Allyldichloromethylsilane

Other names:	Silane, dichloromethyl-2-propenyl- Silane, allyldichloromethyl- Allylmethyldichlorosilane
Inchi:	InChI=1S/C4H8Cl2Si/c1-3-4-7(2,5)6/h3H,1,4H2,2H3
InchiKey:	YCEQUKAYVABWTE-UHFFFAOYSA-N
Formula:	C4H8Cl2Si
SMILES:	C=CC[Si](C)(Cl)Cl
Mol. weight [g/mol]:	155.10
CAS:	1873-92-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.29		Crippen Method
logp	2.722		Crippen Method
tb	392.50 ± 0.50	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=C1873923&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.chemeo.com/cid/41-339-0/Allyldichloromethylsilane.pdf>

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