

Allylchlorodimethylsilane

Other names:	Allyldimethylchlorosilane Silane, chlorodimethyl-2-propenyl-
Inchi:	InChI=1S/C5H11ClSi/c1-4-5-7(2,3)6/h4H,1,5H2,2-3H3
InchiKey:	KMVZWUQHMJAWSY-UHFFFAOYSA-N
Formula:	C5H11ClSi
SMILES:	C=CC[Si](C)(C)Cl
Mol. weight [g/mol]:	134.68
CAS:	4028-23-3

Physical Properties

Property code	Value	Unit	Source
log10ws	0.03		Crippen Method
logp	2.616		Crippen Method
tb	384.00 ± 1.00	K	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4028233&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/88-136-4/Allylchlorodimethylsilane.pdf>

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