

«alpha»-Chloroethyltrimethylsilane

Other names:	1-Chloroethyltrimethylsilane Silane, (1-chloroethyl)trimethyl- alpha-Chloroethyltrimethylsilane
Inchi:	InChI=1S/C5H13ClSi/c1-5(6)7(2,3)4/h5H,1-4H3
InchiKey:	UWJVDEZZIPJQRF-UHFFFAOYSA-N
Formula:	C5H13ClSi
SMILES:	CC(Cl)[Si](C)(C)C
Mol. weight [g/mol]:	136.69
CAS:	7787-87-3

Physical Properties

Property code	Value	Unit	Source
log10ws	0.26		Crippen Method
logp	2.491		Crippen Method
tb	391.00	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7787873&Units=SI

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.cheméo.com/cid/80-849-1/alpha-Chloroethyltrimethylsilane.pdf>

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