

Silane, (chloromethyl)ethoxydimethyl-

Other names:	(Chloromethyl)dimethylethoxysilane (Chloromethyl)ethoxydimethylsilane Dimethyl-chlormethyl-ethoxysilan Silane, (dimethyl(chloromethyl)ethoxy)- Dimethyl(chloromethyl)ethoxysilane
Inchi:	InChI=1S/C5H13ClOSi/c1-4-7-8(2,3)5-6/h4-5H2,1-3H3
InchiKey:	IGMQAYXTTRYCPZ-UHFFFAOYSA-N
Formula:	C5H13ClOSi
SMILES:	CCO[Si](C)(C)CCl
Mol. weight [g/mol]:	152.69
CAS:	13508-53-7

Physical Properties

Property code	Value	Unit	Source
log10ws	0.71		Crippen Method
logp	2.006		Crippen Method
rinpol	873.00		NIST Webbook
rinpol	870.00		NIST Webbook
rinpol	848.00		NIST Webbook
rinpol	873.00		NIST Webbook
rinpol	848.00		NIST Webbook
rinpol	870.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C13508537&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
rinpol: Non-polar retention indices

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