

Silane, dimethyl(2,2,2-trichloroethoxy)isobutoxy-

Inchi:	InChI=1S/C8H17Cl3O2Si/c1-7(2)5-12-14(3,4)13-6-8(9,10)11/h7H,5-6H2,1-4H3
InchiKey:	PKAAAAFXAMBVQD-UHFFFAOYSA-N
Formula:	C8H17Cl3O2Si
SMILES:	CC(C)CO[Si](C)(C)OCC(Cl)(Cl)Cl
Mol. weight [g/mol]:	279.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.30		Crippen Method
logp	3.748		Crippen Method
rinpol	1269.00		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=U347563&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/55-433-0/Silane-dimethyl-2-2-2-trichloroethoxy-isobutoxy.pdf>

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