

Silane, dimethyldi(2,2,2-trichloroethoxy)-

Inchi: InChI=1S/C6H10Cl6O2Si/c1-15(2,13-3-5(7,8)9)14-4-6(10,11)12/h3-4H2,1-2H3
InchiKey: ILONPDJKGWTPRI-UHFFFAOYSA-N
Formula: C6H10Cl6O2Si
SMILES: C[Si](C)(OCC(Cl)(Cl)Cl)OCC(Cl)(Cl)Cl
Mol. weight [g/mol]: 354.95

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.26		Crippen Method
logp	4.462		Crippen Method
rinpol	1558.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347570&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/35-767-2/Silane-dimethyldi-2-2-2-trichloroethoxy.pdf>

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