

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

Inchi: InChI=1S/C7H15Cl3O2Si/c1-4-5-11-13(2,3)12-6-7(8,9)10/h4-6H2,1-3H3
InchiKey: HFIOGMDFUTYNOP-UHFFFAOYSA-N
Formula: C7H15Cl3O2Si
SMILES: CCCO[Si](C)(C)OCC(Cl)(Cl)Cl
Mol. weight [g/mol]: 265.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.12		Crippen Method
logp	3.502		Crippen Method
rinpol	1225.00		NIST Webbook
rinpol	1225.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347562&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/50-264-3/Silane-dimethyl-2-2-2-trichloroethoxy-propoxy.pdf>

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