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

Inchi: InChI=1S/C11H23Cl3O2Si/c1-4-5-6-7-8-9-15-17(2,3)16-10-11(12,13)14/h4-10H2,1-3H3

InchiKey: PSNFXKMRHANIJR-UHFFFAOYSA-N

Formula: C11H23Cl3O2Si

SMILES: CCCCCCCO[Si](C)(C)OCC(Cl)(Cl)Cl

Mol. weight [g/mol]: 321.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.80		Crippen Method
logp	5.062		Crippen Method
rinpol	1601.00		NIST Webbook
rinpol	1601.00		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=U347566&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/79-858-3/Silane-dimethyl-2-2-2-trichloroethoxy-heptyloxy.pdf

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