Silane, dimethyl(2,3,6-trichlorophenoxy)ethoxy-

Inchi: InChI=1S/C10H13Cl3O2Si/c1-4-14-16(2,3)15-10-8(12)6-5-7(11)9(10)13/h5-6H,4H2,1-3H

InchiKey: DUMXTCKEUIPKTC-UHFFFAOYSA-N

Formula: C10H13Cl3O2Si

SMILES: CCO[Si](C)(C)Oc1c(Cl)ccc(Cl)c1Cl

Mol. weight [g/mol]: 299.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.62		Crippen Method
logp	4.764		Crippen Method
rinpol	1657.00		NIST Webbook
rinpol	1657.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347502&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/94-362-6/Silane-dimethyl-2-3-6-trichlorophenoxy-ethoxy.pdf

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