Silane, dimethyl(3,5-dichlorophenoxy)heptyloxy-

Inchi: InChI=1S/C15H24Cl2O2Si/c1-4-5-6-7-8-9-18-20(2,3)19-15-11-13(16)10-14(17)12-15/h10

InchiKey: IMSBWLBPSRVEIA-UHFFFAOYSA-N

Formula: C15H24Cl2O2Si

SMILES: CCCCCCCO[Si](C)(C)Oc1cc(Cl)cc(Cl)c1

Mol. weight [g/mol]: 335.34

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.03		Crippen Method
logp	6.061		Crippen Method
rinpol	1946.00		NIST Webbook
rinpol	1946.00		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=U347523&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/83-654-4/Silane-dimethyl-3-5-dichlorophenoxy-heptyloxy.pdf

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