

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

Inchi: InChI=1S/C15H23Cl3O2Si/c1-4-5-6-7-8-11-19-21(2,3)20-15-13(17)10-9-12(16)14(15)18/
InchiKey: ZXNBEJOJWDCJFA-UHFFFAOYSA-N
Formula: C15H23Cl3O2Si
SMILES: CCCCCCO[Si](C)(C)Oc1c(Cl)ccc(Cl)c1Cl
Mol. weight [g/mol]: 369.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.72		Crippen Method
logp	6.714		Crippen Method
rinpol	2149.00		NIST Webbook
rinpol	2149.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346826&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/120-309-5/Silane-dimethyl-2-3-6-trichlorophenoxy-heptyloxy.pdf>

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