

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

Inchi: InChI=1S/C14H21Cl3O2Si/c1-4-5-6-7-10-18-20(2,3)19-14-12(16)9-8-11(15)13(14)17/h8-
InchiKey: PHUXNWUXEGOAFD-UHFFFAOYSA-N
Formula: C14H21Cl3O2Si
SMILES: CCCCCCO[Si](C)(C)Oc1c(Cl)ccc(Cl)c1Cl
Mol. weight [g/mol]: 355.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.30		Crippen Method
logp	6.324		Crippen Method
rinpol	2037.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347507&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/12-886-5/Silane-dimethyl-2-3-6-trichlorophenoxy-hexyloxy.pdf>

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