

Silane, dimethyl(3,4,5-trichlorophenoxy)hexyloxy-

Inchi: InChI=1S/C14H21Cl3O2Si/c1-4-5-6-7-8-18-20(2,3)19-11-9-12(15)14(17)13(16)10-11/h9-
InchiKey: DEIMPFSKWIBUSY-UHFFFAOYSA-N
Formula: C14H21Cl3O2Si
SMILES: CCCCCCO[Si](C)(C)Oc1cc(Cl)c(Cl)c(Cl)c1
Mol. weight [g/mol]: 355.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.30		Crippen Method
logp	6.324		Crippen Method
rinsol	2050.00		NIST Webbook
rinsol	2050.00		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=U347450&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/22-584-9/Silane-dimethyl-3-4-5-trichlorophenoxy-hexyloxy.pdf>

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