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

Inchi: InChI=1S/C19H31Cl3O2Si/c1-4-5-6-7-8-9-10-11-12-15-23-25(2,3)24-19-17(21)14-13-16(

InchiKey: IXZIBIFJCJHDMF-UHFFFAOYSA-N

Formula: C19H31Cl3O2Si

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

Mol. weight [g/mol]: 425.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.39		Crippen Method
logp	8.275		Crippen Method
rinpol	2536.00		NIST Webbook
rinpol	2536.00		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=U347511&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices