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

Inchi: InChI=1S/C26H45Cl3O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-22-30-32(2,3)

InchiKey: XGPMOAXCYCWZHU-UHFFFAOYSA-N

Formula: C26H45Cl3O2Si

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

Mol. weight [g/mol]: 524.08

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.32		Crippen Method
logp	11.005		Crippen Method
rinpol	3286.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347514&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices