

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

Inchi: InChI=1S/C16H16Cl6O3Si2/c1-26(2,23-15-11(19)7-5-9(17)13(15)21)25-27(3,4)24-16-12
InchiKey: VAJQVRGZULHWLX-UHFFFAOYSA-N
Formula: C16H16Cl6O3Si2
SMILES: C[Si](C)(Oc1c(Cl)ccc(Cl)c1Cl)O[Si](C)(C)Oc1c(Cl)ccc(Cl)c1Cl
Mol. weight [g/mol]: 525.18

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.66		Crippen Method
logp	8.485		Crippen Method
rinpol	2832.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347516&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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