

Silane, dimethyl(dimethyl(2,5-dichlorophenoxy)silyloxy

Inchi: InChI=1S/C16H18Cl4O3Si2/c1-24(2,21-15-9-11(17)5-7-13(15)19)23-25(3,4)22-16-10-12
InchiKey: BQHRFVVVSYWOJT-UHFFFAOYSA-N
Formula: C16H18Cl4O3Si2
SMILES: C[Si](C)(Oc1cc(Cl)ccc1Cl)O[Si](C)(C)Oc1cc(Cl)ccc1Cl
Mol. weight [g/mol]: 456.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.29		Crippen Method
logp	7.178		Crippen Method
rinpol	2384.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347378&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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<https://www.cheméo.com/cid/54-970-5/Silane-dimethyl-dimethyl-2-5-dichlorophenoxy-silyloxy-2-5-dichlorophenoxy>.

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