

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

Inchi: InChI=1S/C11H16Cl2O2Si/c1-4-7-14-16(2,3)15-11-8-9(12)5-6-10(11)13/h5-6,8H,4,7H2,1
InchiKey: YKPWZGVUAQKEQD-UHFFFAOYSA-N
Formula: C11H16Cl2O2Si
SMILES: CCCO[Si](C)(C)Oc1cc(Cl)ccc1Cl
Mol. weight [g/mol]: 279.24

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.36		Crippen Method
logp	4.501		Crippen Method
rinpol	1555.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347365&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/53-160-5/Silane-dimethyl-2-5-dichlorophenoxy-propoxy.pdf>

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