

Silane, dimethyl(2,4-dichlorophenoxy)isobutoxy-

Inchi: InChI=1S/C12H18Cl2O2Si/c1-9(2)8-15-17(3,4)16-12-6-5-10(13)7-11(12)14/h5-7,9H,8H2
InchiKey: QEKQLUDWNSLIFQ-UHFFFAOYSA-N
Formula: C12H18Cl2O2Si
SMILES: CC(C)CO[Si](C)(C)Oc1ccc(Cl)cc1Cl
Mol. weight [g/mol]: 293.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.53		Crippen Method
logp	4.747		Crippen Method
rinpol	1621.00		NIST Webbook
rinpol	1621.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347042&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

Latest version available from:

<https://www.cheméo.com/cid/122-556-9/Silane-dimethyl-2-4-dichlorophenoxy-isobutoxy.pdf>

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