

Silane, di(3-chlorophenoxy)dimethyl

Inchi: InChI=1S/C14H14Cl2O2Si/c1-19(2,17-13-7-3-5-11(15)9-13)18-14-8-4-6-12(16)10-14/h3-
InchiKey: UVRMFNIPCVOQQ-UHFFFAOYSA-N
Formula: C14H14Cl2O2Si
SMILES: C[Si](C)(Oc1cccc(Cl)c1)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 313.25

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.36		Crippen Method
logp	5.153		Crippen Method
rinpol	2084.00		NIST Webbook
rinpol	2084.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346890&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/124-259-7/Silane-di-3-chlorophenoxy-dimethyl.pdf>

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