

Silane, dimethyl(3,5-dichlorophenoxy)isobutoxy-

Inchi:	InChI=1S/C12H18Cl2O2Si/c1-9(2)8-15-17(3,4)16-12-6-10(13)5-11(14)7-12/h5-7,9H,8H2
InchiKey:	SDPIYCUPRRRCPOW-UHFFFAOYSA-N
Formula:	C12H18Cl2O2Si
SMILES:	CC(C)CO[Si](C)(C)Oc1cc(Cl)cc(Cl)c1
Mol. weight [g/mol]:	293.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.53		Crippen Method
logp	4.747		Crippen Method
rinpol	1591.00		NIST Webbook
rinpol	1591.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347518&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/123-115-7/Silane-dimethyl-3-5-dichlorophenoxy-isobutoxy.pdf>

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