

Silane, dimethyldi(2-chloro-5-methylphenoxy)-

Inchi: InChI=1S/C16H18Cl2O2Si/c1-11-5-7-13(17)15(9-11)19-21(3,4)20-16-10-12(2)6-8-14(16)
InchiKey: NSYXHIUBQRQXHC-UHFFFAOYSA-N
Formula: C16H18Cl2O2Si
SMILES: Cc1ccc(Cl)c(O[Si](C)(C)Oc2cc(C)ccc2Cl)c1
Mol. weight [g/mol]: 341.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.31		Crippen Method
logp	5.770		Crippen Method
rinpol	2113.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347559&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/65-413-1/Silane-dimethyldi-2-chloro-5-methylphenoxy.pdf>

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