

Silane, dimethyl(pentachlorophenoxy)dimethylamino-

Inchi: InChI=1S/C10H12Cl5NOSi/c1-16(2)18(3,4)17-10-8(14)6(12)5(11)7(13)9(10)15/h1-4H3
InchiKey: GCTYDGVVYLIDQD-UHFFFAOYSA-N
Formula: C10H12Cl5NOSi
SMILES: CN(C)[Si](C)(C)Oc1c(Cl)c(Cl)c(Cl)c(Cl)c1Cl
Mol. weight [g/mol]: 367.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.48		Crippen Method
logp	5.596		Crippen Method
rinpol	2101.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347482&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/27-324-2/Silane-dimethyl-pentachlorophenoxy-dimethylamino.pdf>

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