

Silane, dimethyl(pentachlorophenoxy)butoxy-

Inchi: InChI=1S/C12H15Cl5O2Si/c1-4-5-6-18-20(2,3)19-12-10(16)8(14)7(13)9(15)11(12)17/h4-
InchiKey: JPTYVRSQVXSQFW-UHFFFAOYSA-N
Formula: C12H15Cl5O2Si
SMILES: CCCCCO[Si](C)(C)Oc1c(Cl)c(Cl)c(Cl)c(Cl)c1Cl
Mol. weight [g/mol]: 396.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.83		Crippen Method
logp	6.851		Crippen Method
rinpol	2163.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347477&Units=SI>

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/46-806-6/Silane-dimethyl-pentachlorophenoxy-butoxy.pdf>

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