

Silane, dimethyl(pentachlorophenoxy)hexyloxy-

Inchi: InChI=1S/C14H19Cl5O2Si/c1-4-5-6-7-8-20-22(2,3)21-14-12(18)10(16)9(15)11(17)13(14)
InchiKey: XJINEDNHXLUTOC-UHFFFAOYSA-N
Formula: C14H19Cl5O2Si
SMILES: CCCCCCO[Si](C)(C)Oc1c(Cl)c(Cl)c(Cl)c(Cl)c1Cl
Mol. weight [g/mol]: 424.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.67		Crippen Method
logp	7.631		Crippen Method
rinpol	2354.00		NIST Webbook
rinpol	2354.00		NIST Webbook

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=U347478&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/120-103-3/Silane-dimethyl-pentachlorophenoxy-hexyloxy.pdf>

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