

Silane, dimethyldi(2,3,5,6-tetrachlorophenoxy)-

Inchi: InChI=1S/C14H8Cl8O2Si/c1-25(2,23-13-9(19)5(15)3-6(16)10(13)20)24-14-11(21)7(17)4-
InchiKey: UUTYRHXLNDSEIN-UHFFFAOYSA-N
Formula: C14H8Cl8O2Si
SMILES: C[Si](C)(Oc1c(Cl)c(Cl)cc(Cl)c1Cl)Oc1c(Cl)c(Cl)cc(Cl)c1Cl
Mol. weight [g/mol]: 519.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.47		Crippen Method
logp	9.073		Crippen Method
rinpol	2963.00		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=U347540&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/74-149-5/Silane-dimethyldi-2-3-5-6-tetrachlorophenoxy.pdf>

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