

Silane, dimethyl(2,3,5,6-tetrachlorophenoxy)octyloxy-

Inchi: InChI=1S/C16H24Cl4O2Si/c1-4-5-6-7-8-9-10-21-23(2,3)22-16-14(19)12(17)11-13(18)15
InchiKey: PRDQHHLVVQTUBB-UHFFFAOYSA-N
Formula: C16H24Cl4O2Si
SMILES: CCCCCCCO[Si](C)(C)Oc1c(Cl)c(Cl)cc(Cl)c1Cl
Mol. weight [g/mol]: 418.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.82		Crippen Method
logp	7.758		Crippen Method
rinpol	2360.00		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=U347533&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/17-896-9/Silane-dimethyl-2-3-5-6-tetrachlorophenoxy-octyloxy.pdf>

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