

Silane, diethylisohexyloxy(2,4,5-trichlorophenoxy)-

Inchi: InChI=1S/C16H25Cl3O2Si/c1-5-22(6-2,20-9-7-8-12(3)4)21-16-11-14(18)13(17)10-15(16)
InchiKey: VCTWUQTZSHNMEA-UHFFFAOYSA-N
Formula: C16H25Cl3O2Si
SMILES: CC[Si](CC)(OCCCC(C)C)Oc1cc(Cl)c(Cl)cc1Cl
Mol. weight [g/mol]: 383.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.89		Crippen Method
logp	6.960		Crippen Method
rinpol	2144.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363353&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/14-334-5/Silane-diethylisohexyloxy-2-4-5-trichlorophenoxy.pdf>

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