

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

Inchi: InChI=1S/C15H23Cl3O2Si/c1-4-7-8-9-19-21(5-2,6-3)20-15-11-13(17)12(16)10-14(15)18/
InchiKey: SKIXCESAZIUZRR-UHFFFAOYSA-N
Formula: C15H23Cl3O2Si
SMILES: CCCCCO[Si](CC)(CC)Oc1cc(Cl)c(Cl)cc1Cl
Mol. weight [g/mol]: 369.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.72		Crippen Method
logp	6.714		Crippen Method
rinpol	2089.00		NIST Webbook
rinpol	2089.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363352&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/66-686-8/Silane-diethylpentyloxy-2-4-5-trichlorophenoxy.pdf>

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