

Silane, dimethyldi(3,4,5-trichlorophenoxy)-

Inchi: InChI=1S/C14H10Cl6O2Si/c1-23(2,21-7-3-9(15)13(19)10(16)4-7)22-8-5-11(17)14(20)12
InchiKey: WPLRKCJQDDDFZEI-UHFFFAOYSA-N
Formula: C14H10Cl6O2Si
SMILES: C[Si](C)(Oc1cc(Cl)c(Cl)c(Cl)c1)Oc1cc(Cl)c(Cl)c(Cl)c1
Mol. weight [g/mol]: 451.03

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.10		Crippen Method
logp	7.767		Crippen Method
rinpol	2702.00		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=U347459&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/119-664-3/Silane-dimethyldi-3-4-5-trichlorophenoxy.pdf>

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