

Silane, dimethyl(2,3,5-trichlorophenoxy)heptyloxy-

Inchi: InChI=1S/C15H23Cl3O2Si/c1-4-5-6-7-8-9-19-21(2,3)20-14-11-12(16)10-13(17)15(14)18/
InchiKey: VQIMOTOXYQLHSX-UHFFFAOYSA-N
Formula: C15H23Cl3O2Si
SMILES: CCCCCCO[Si](C)(C)Oc1cc(Cl)cc(Cl)c1Cl
Mol. weight [g/mol]: 369.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.72		Crippen Method
logp	6.714		Crippen Method
rinpol	2097.00		NIST Webbook
rinpol	2097.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347431&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/121-043-9/Silane-dimethyl-2-3-5-trichlorophenoxy-heptyloxy.pdf>

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