

Silane, dimethyl(2,5-dichlorophenoxy)pentoxy-

Inchi: InChI=1S/C13H20Cl2O2Si/c1-4-5-6-9-16-18(2,3)17-13-10-11(14)7-8-12(13)15/h7-8,10H,
InchiKey: UJDSDIKGWGPTQM-UHFFFAOYSA-N
Formula: C13H20Cl2O2Si
SMILES: CCCCCO[Si](C)(C)Oc1cc(Cl)ccc1Cl
Mol. weight [g/mol]: 307.29

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.19		Crippen Method
logp	5.281		Crippen Method
rinpol	1750.00		NIST Webbook
rinpol	1750.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347368&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/124-361-3/Silane-dimethyl-2-5-dichlorophenoxy-pentoxo.pdf>

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