

Silane, dimethyl(3,5-dichlorophenoxy)octyloxy-

Inchi: InChI=1S/C16H26Cl2O2Si/c1-4-5-6-7-8-9-10-19-21(2,3)20-16-12-14(17)11-15(18)13-16/
InchiKey: AXNAOSNAZIJLBY-UHFFFAOYSA-N
Formula: C16H26Cl2O2Si
SMILES: CCCCCCO[Si](C)(C)Oc1cc(Cl)cc(Cl)c1
Mol. weight [g/mol]: 349.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.45		Crippen Method
logp	6.451		Crippen Method
rinsol	2041.00		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=U347524&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
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/116-481-9/Silane-dimethyl-3-5-dichlorophenoxy-octyloxy.pdf>

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