

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

Inchi: InChI=1S/C16H25Cl3O2Si/c1-4-5-6-7-8-9-10-20-22(2,3)21-15-12-13(17)11-14(18)16(15)
InchiKey: PYJFKCXYSQLFSM-UHFFFAOYSA-N
Formula: C16H25Cl3O2Si
SMILES: CCCCCCO[Si](C)(C)Oc1cc(Cl)cc(Cl)c1Cl
Mol. weight [g/mol]: 383.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.13		Crippen Method
logp	7.105		Crippen Method
rinpol	2187.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347432&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/24-702-5/Silane-dimethyl-2-3-5-trichlorophenoxy-octyloxy.pdf>

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