

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

Inchi: InChI=1S/C22H38Cl2O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-18-25-27(2,3)26-22-19-20
InchiKey: ORLSUHCYSZDASQ-UHFFFAOYSA-N
Formula: C22H38Cl2O2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1cc(Cl)ccc1Cl
Mol. weight [g/mol]: 433.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.96		Crippen Method
logp	8.792		Crippen Method
rinpol	2642.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347376&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/59-109-6/Silane-dimethyl-2-5-dichlorophenoxy-tetradecyloxy.pdf>

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