

Silane, diphenyl(2,2-dichloroethoxy)undecyloxy-

Inchi: InChI=1S/C25H36Cl2O2Si/c1-2-3-4-5-6-7-8-9-16-21-28-30(29-22-25(26)27,23-17-12-10-11-13-14-15)/2,2-Cl,Cl
InchiKey: CUODLCMXFRVRME-UHFFFAOYSA-N
Formula: C₂₅H₃₆Cl₂O₂Si
SMILES: CCCCCCCCCCO[Si](OCC(Cl)Cl)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 467.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.17		Crippen Method
logp	6.611		Crippen Method
rinsol	2902.00		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=U367576&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
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/95-300-3/Silane-diphenyl-2-2-dichloroethoxy-undecyloxy.pdf>

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