

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

Inchi: InChI=1S/C26H38Cl2O2Si/c1-2-3-4-5-6-7-8-9-10-17-22-29-31(30-23-26(27)28,24-18-13-12)/2,2-dichloroethoxy
InchiKey: OSLYJMZELRYSAK-UHFFFAOYSA-N
Formula: C26H38Cl2O2Si
SMILES: CCCCCCCCCCO[Si](OCC(Cl)Cl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 481.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.59		Crippen Method
logp	7.001		Crippen Method
rinsol	3005.00		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=U367577&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/95-159-1/Silane-diphenyl-2-2-dichloroethoxy-dodecyloxy.pdf>

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