

Silane, diphenyldecyloxy(2,2-dichloroethoxy)-

Inchi: InChI=1S/C24H34Cl2O2Si/c1-2-3-4-5-6-7-8-15-20-27-29(28-21-24(25)26,22-16-11-9-12-10-13-14)/Si
InchiKey: ZIIUXWMNRSNYHH-UHFFFAOYSA-N
Formula: C24H34Cl2O2Si
SMILES: CCCCCCCCCO[Si](OCC(Cl)Cl)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 453.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.75		Crippen Method
logp	6.221		Crippen Method
rinpol	2798.00		NIST Webbook
rinpol	2798.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367575&Units=SI>

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/84-042-2/Silane-diphenyldecyloxy-2-2-dichloroethoxy.pdf>

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