

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

Inchi: InChI=1S/C22H30Cl2O2Si/c1-2-3-4-5-6-13-18-25-27(26-19-22(23)24,20-14-9-7-10-15-20)
InchiKey: OFJGLVZPBKVRFG-UHFFFAOYSA-N
Formula: C22H30Cl2O2Si
SMILES: CCCCCCO[Si](OCC(Cl)Cl)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 425.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.92		Crippen Method
logp	5.440		Crippen Method
rinpol	2601.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367574&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/31-809-9/Silane-diphenyl-2-2-dichloroethoxy-octyloxy.pdf>

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