

Silane, chlorodiphenyl(2,2-dichloroethoxy)-

Inchi: InChI=1S/C16H16Cl4O2Si/c17-15(18)11-21-23(22-12-16(19)20,13-7-3-1-4-8-13)14-9-5-2
InchiKey: VKUOYVPQOZROBY-UHFFFAOYSA-N
Formula: C16H16Cl4O2Si
SMILES: ClC(Cl)CO[Si](OCC(Cl)Cl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 410.19

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.32		Crippen Method
logp	3.884		Crippen Method
rinpol	2427.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367578&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/51-808-8/Silane-chlorodiphenyl-2-2-dichloroethoxy.pdf>

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