

# Silane, diphenyl(2,4-dichlorophenoxy)ethoxy-

**Inchi:** InChI=1S/C20H18Cl2O2Si/c1-2-23-25(17-9-5-3-6-10-17,18-11-7-4-8-12-18)24-20-14-13-  
**InchiKey:** WIPDMZHYNАОEOD-UHFFFAOYSA-N  
**Formula:** C20H18Cl2O2Si  
**SMILES:** CCO[Si](Oc1ccc(Cl)cc1Cl)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 389.35

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.29		Crippen Method
logp	4.665		Crippen Method
rinpol	2509.00		NIST Webbook
rinpol	2509.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368065&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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<https://www.chemeo.com/cid/13-587-6/Silane-diphenyl-2-4-dichlorophenoxy-ethoxy.pdf>

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