

# Silane, diphenyl(2,4-dichlorophenoxy)pentyl-oxo-

**Inchi:** InChI=1S/C23H24Cl2O2Si/c1-2-3-10-17-26-28(20-11-6-4-7-12-20,21-13-8-5-9-14-21)27-  
**InchiKey:** XYWDFZCATAVSDQ-UHFFFAOYSA-N  
**Formula:** C23H24Cl2O2Si  
**SMILES:** CCCCCO[Si](Oc1ccc(Cl)cc1Cl)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 431.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.54		Crippen Method
logp	5.836		Crippen Method
rinpol	2730.00		NIST Webbook
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## Sources

**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=U368066&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

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