

# Silane, dimethyl(2,3,5,6-tetrachlorophenoxy)hexadecylox

**Inchi:** InChI=1S/C24H40Cl4O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-29-31(2,3)30-24-  
**InchiKey:** RRXNUOVBFVTYMG-UHFFFAOYSA-N  
**Formula:** C24H40Cl4O2Si  
**SMILES:** CCCCCCCCCCCCCCO[Si](C)(C)Oc1c(Cl)c(Cl)cc(Cl)c1Cl  
**Mol. weight [g/mol]:** 530.47

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.17		Crippen Method
logp	10.879		Crippen Method
rinpol	3206.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347537&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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