

# Silane, diethyldodecyloxy(2,3,4,6-tetrachlorophenoxy)-

**Inchi:** InChI=1S/C22H36Cl4O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-27-29(5-2,6-3)28-22-19(24)  
**InchiKey:** VQCHLOFQLBTWNU-UHFFFAOYSA-N  
**Formula:** C22H36Cl4O2Si  
**SMILES:** CCCCCCCCCCO[Si](CC)(CC)Oc1c(Cl)cc(Cl)c(Cl)c1Cl  
**Mol. weight [g/mol]:** 502.42

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.33		Crippen Method
logp	10.098		Crippen Method
rinsol	2971.00		NIST Webbook
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363394&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  
**rinsol:** Non-polar retention indices

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