

# Silane, diethyl(pentachlorophenoxy)undecyloxy-

**Inchi:** InChI=1S/C21H33Cl5O2Si/c1-4-7-8-9-10-11-12-13-14-15-27-29(5-2,6-3)28-21-19(25)17(26)  
**InchiKey:** WXMNWINCDWCF AW-UHFFFAOYSA-N  
**Formula:** C<sub>21</sub>H<sub>33</sub>Cl<sub>5</sub>O<sub>2</sub>Si  
**SMILES:** CCCCCCCCCCO[Si](CC)(CC)Oc1c(Cl)c(Cl)c(Cl)c(Cl)c1Cl  
**Mol. weight [g/mol]:** 522.84

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.60		Crippen Method
logp	10.362		Crippen Method
rinpol	3065.00		NIST Webbook
rinpol	3065.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363391&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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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