

# Silane, diethylhexyloxy(2,4,5-trichlorophenoxy)-

**Inchi:** InChI=1S/C16H25Cl3O2Si/c1-4-7-8-9-10-20-22(5-2,6-3)21-16-12-14(18)13(17)11-15(16)  
**InchiKey:** LEZBGHGPNDETKO-UHFFFAOYSA-N  
**Formula:** C16H25Cl3O2Si  
**SMILES:** CCCCCCO[Si](CC)(CC)Oc1cc(Cl)c(Cl)cc1Cl  
**Mol. weight [g/mol]:** 383.81

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -5.13   |      | Crippen Method |
| logp          | 7.105   |      | Crippen Method |
| rinpol        | 2183.00 |      | 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=U363354&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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