

# Silane, diethyloctyloxy(2,3,6-trichlorophenoxy)-

**Inchi:** InChI=1S/C18H29Cl3O2Si/c1-4-7-8-9-10-11-14-22-24(5-2,6-3)23-18-16(20)13-12-15(19)  
**InchiKey:** GJRGWYMXFBJWJD-UHFFFAOYSA-N  
**Formula:** C18H29Cl3O2Si  
**SMILES:** CCCCCCO[Si](CC)(CC)Oc1c(Cl)ccc(Cl)c1Cl  
**Mol. weight [g/mol]:** 411.87

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -5.97   |      | Crippen Method |
| logp          | 7.885   |      | Crippen Method |
| rinpol        | 2411.00 |      | NIST Webbook   |

## 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=U363401&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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<https://www.chemeo.com/cid/64-999-3/Silane-diethyloctyloxy-2-3-6-trichlorophenoxy.pdf>

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