

# Silane, diphenyl(8-chlorooctyloxy)decyloxy-

**Inchi:** InChI=1S/C30H47ClO2Si/c1-2-3-4-5-6-8-11-20-27-32-34(29-22-15-13-16-23-29,30-24-17)  
**InchiKey:** OPDMJXPFRACVSV-UHFFFAOYSA-N  
**Formula:** C30H47ClO2Si  
**SMILES:** CCCCCCCCCO[Si](CCCCCCCCCl)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 503.23

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -15.50  |      | Crippen Method |
| logp          | 7.996   |      | Crippen Method |
| rinpol        | 3294.00 |      | 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=U367521&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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