

# Silane, diphenyldodecyloxy(hex-2-yloxy)-

**Inchi:** InChI=1S/C30H48O2Si/c1-4-6-8-9-10-11-12-13-14-21-27-31-33(29-23-17-15-18-24-29,3)  
**InchiKey:** GAMZHRBBHMMJPY-UHFFFAOYSA-N  
**Formula:** C30H48O2Si  
**SMILES:** CCCCCCCCCCCCCO[Si](OC(C)CCCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 468.79

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -15.46  |      | Crippen Method |
| logp          | 7.776   |      | Crippen Method |
| rinpol        | 2872.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U367700&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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