

# Silane, diphenyl(4-biphenyloxy)propoxy-

**Inchi:** InChI=1S/C27H26O2Si/c1-2-22-28-30(26-14-8-4-9-15-26,27-16-10-5-11-17-27)29-25-20  
**InchiKey:** PYODMARSPOOMOS-UHFFFAOYSA-N  
**Formula:** C27H26O2Si  
**SMILES:** CCCO[Si](Oc1ccc(-c2ccccc2)cc1)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 410.58

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -13.94  |      | Crippen Method |
| logp          | 5.416   |      | Crippen Method |
| rinpol        | 3090.00 |      | NIST Webbook   |
| rinpol        | 3090.00 |      | 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=U367495&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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