

# Silane, diphenylcitronellyloxyhexyloxy-

**Inchi:** InChI=1S/C28H42O2Si/c1-5-6-7-14-23-29-31(27-18-10-8-11-19-27,28-20-12-9-13-21-28)  
**InchiKey:** VETLNQDILVEOHD-UHFFFAOYSA-N  
**Formula:** C28H42O2Si  
**SMILES:** CCCCCCO[Si](OCCC(C)CCC=C(C)C)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 438.72

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -14.13  |      | Crippen Method |
| logp          | 6.629   |      | Crippen Method |
| rinpol        | 2077.00 |      | NIST Webbook   |
| rinpol        | 2077.00 |      | 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=U367962&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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