

# Silane, diphenylbutoxy(3,4-dimethylcyclohexyloxy)-

**Inchi:** InChI=1S/C24H34O2Si/c1-4-5-18-25-27(23-12-8-6-9-13-23,24-14-10-7-11-15-24)26-22-1  
**InchiKey:** IGUXHIMLRVMYJU-UHFFFAOYSA-N  
**Formula:** C24H34O2Si  
**SMILES:** CCCCCO[Si](OC1CCC(C)C(C)C1)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 382.61

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -12.36  |      | Crippen Method |
| logp          | 4.901   |      | Crippen Method |
| rinpol        | 2415.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368179&Units=SI>  
**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)

## Legend

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

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