

# Silane, diphenylcyclohexylmethoxy-pentyloxy-

**Inchi:** InChI=1S/C24H34O2Si/c1-2-3-13-20-25-27(23-16-9-5-10-17-23,24-18-11-6-12-19-24)26  
**InchiKey:** FIQSCTIJHWGUQI-UHFFFAOYSA-N  
**Formula:** C24H34O2Si  
**SMILES:** CCCCCO[Si](OCC1CCCCC1)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 382.61

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -12.49  |      | Crippen Method |
| logp          | 5.047   |      | Crippen Method |
| rinpol        | 2495.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368018&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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