

# Silane, diphenylethoxy(2-ethylcyclohexyloxy)-

**Inchi:** InChI=1S/C22H30O2Si/c1-3-19-13-11-12-18-22(19)24-25(23-4-2,20-14-7-5-8-15-20)21-1  
**InchiKey:** DNJQCEYJEHTQDO-UHFFFAOYSA-N  
**Formula:** C22H30O2Si  
**SMILES:** CCO[Si](OC1CCCCC1CC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 354.56

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -11.77  |      | Crippen Method |
| logp          | 4.265   |      | Crippen Method |
| rinpol        | 2233.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368186&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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