

# Silane, diphenylbutoxy(3,5-dimethylcyclohexyloxy)-

**Inchi:** InChI=1S/C24H34O2Si/c1-4-5-16-25-27(23-12-8-6-9-13-23,24-14-10-7-11-15-24)26-22-1  
**InchiKey:** LYIOILJIBOYZSQ-UHFFFAOYSA-N  
**Formula:** C24H34O2Si  
**SMILES:** CCCCCO[Si](OC1CC(C)CC(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	2332.00		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=U368028&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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<https://www.chemeo.com/cid/24-730-4/Silane-diphenylbutoxy-3-5-dimethylcyclohexyloxy.pdf>

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