

# Silane, diphenyloctyloxy(trans-4-methylcyclohexyloxy)-

**Inchi:** InChI=1S/C27H40O2Si/c1-3-4-5-6-7-14-23-28-30(26-15-10-8-11-16-26,27-17-12-9-13-18)  
**InchiKey:** ORJAJLLSXUKWRS-UHFFFAOYSA-N  
**Formula:** C27H40O2Si  
**SMILES:** CCCCCC[Si](OC1CCC(C)CC1)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 424.69

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.86		Crippen Method
logp	6.215		Crippen Method
rinpol	2720.00		NIST Webbook
rinpol	2720.00		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=U367760&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/94-845-0/Silane-diphenyloctyloxy-trans-4-methylcyclohexyloxy.pdf>

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