

# Silane, diphenyldecyloxy(2,4,4-trimethylpentylloxy)-

**Inchi:** InChI=1S/C30H48O2Si/c1-6-7-8-9-10-11-12-19-24-31-33(28-20-15-13-16-21-28,29-22-1  
**InchiKey:** COBQTDWORQVEEG-UHFFFAOYSA-N  
**Formula:** C30H48O2Si  
**SMILES:** CCCCCCCCCO[Si](OCC(C)CC(C)(C)C)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 468.79

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.87		Crippen Method
logp	7.489		Crippen Method
rinpol	2772.00		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=U368057&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/55-859-8/Silane-diphenyldecyloxy-2-4-4-trimethylpentylloxy.pdf>

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