

# Silane, diphenyltridecyloxy(2,4,4-trimethylpentyloxy)-

**Inchi:** InChI=1S/C33H54O2Si/c1-6-7-8-9-10-11-12-13-14-15-22-27-34-36(31-23-18-16-19-24-30)  
**InchiKey:** ADOQPKMHNHBI AF-UHFFFAOYSA-N  
**Formula:** C33H54O2Si  
**SMILES:** CCCCCCCCCCCCCO[Si](OCC(C)CC(C)(C)C)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 510.87

## Physical Properties

Property code	Value	Unit	Source
log10ws	-16.12		Crippen Method
logp	8.659		Crippen Method
rinpol	3087.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368060&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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