

# Silane, diphenyl(pent-4-en-2-yloxy)tridecyloxy-

**Inchi:** InChI=1S/C30H46O2Si/c1-4-6-7-8-9-10-11-12-13-14-21-27-31-33(32-28(3)22-5-2,29-23-24-25-26)/Si1  
**InchiKey:** BASAUPSUTKGGGLV-UHFFFAOYSA-N  
**Formula:** C30H46O2Si  
**SMILES:** C=CCC(C)O[Si](OCCCCCCCCCCCCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 466.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	-15.32		Crippen Method
logp	7.552		Crippen Method
rinpol	2906.00		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=U367833&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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