

# Silane, diphenyldodecyloxy(3-methylbut-3-en-1-yloxy)-

**Inchi:** InChI=1S/C29H44O2Si/c1-4-5-6-7-8-9-10-11-12-19-25-30-32(31-26-24-27(2)3,28-20-15-  
**InchiKey:** SYMIXTZXDSYTHY-UHFFFAOYSA-N  
**Formula:** C29H44O2Si  
**SMILES:** C=C(C)CCO[Si](OCCCCCCCCCCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 452.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.79		Crippen Method
logp	7.163		Crippen Method
rinpol	2871.00		NIST Webbook
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## 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=U367815&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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