

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

**Inchi:** InChI=1S/C33H52O2Si/c1-3-5-7-9-11-12-13-15-17-25-31-35-36(32-26-20-18-21-27-32,33)/1-33  
**InchiKey:** IIHPYDSZXWRQKX-JQIJEIRASA-N  
**Formula:** C33H52O2Si  
**SMILES:** CCCCC=CCCO[Si](OCCCCCCCCCCC)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 508.85

## Physical Properties

Property code	Value	Unit	Source
log10ws	-16.46		Crippen Method
logp	8.724		Crippen Method
rinpol	3261.00		NIST Webbook
rinpol	3261.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U367802&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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