

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

**Inchi:** InChI=1S/C31H48O2Si/c1-3-5-7-9-11-13-15-23-29-33-34(30-24-18-16-19-25-30,31-26-27-28)/Si1  
**InchiKey:** JPKKVENEDHIQSK-WYMLVPIESA-N  
**Formula:** C31H48O2Si  
**SMILES:** CCCCC=CCCO[Si](OCCCCCCCCC)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 480.80

## Physical Properties

Property code	Value	Unit	Source
log10ws	-15.62		Crippen Method
logp	7.944		Crippen Method
rinpol	3056.00		NIST Webbook
rinpol	3056.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367801&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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