

# Silane, diphenyloctyloxy(tetradec-3-en-1-yloxy)-

**Inchi:** InChI=1S/C34H54O2Si/c1-3-5-7-9-11-12-13-14-15-16-18-26-32-36-37(33-27-21-19-22-20)/Si1  
**InchiKey:** DTEDARHKUCCNHD-FBMGVBCBSA-N  
**Formula:** C34H54O2Si  
**SMILES:** CCCCCCCCCC=CCCO[Si](CCCCCCCC)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 522.88

## Physical Properties

Property code	Value	Unit	Source
log10ws	-16.88		Crippen Method
logp	9.114		Crippen Method
rinpol	3374.00		NIST Webbook
rinpol	3374.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367974&Units=SI>  
**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)

## Legend

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

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<https://www.chemeo.com/cid/98-891-5/Silane-diphenyloctyloxy-tetradec-3-en-1-yloxy.pdf>

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