

# Silane, diphenyl(3,5-dimethylcyclohexyloxy)undecyloxy-

**Inchi:** InChI=1S/C31H48O2Si/c1-4-5-6-7-8-9-10-11-18-23-32-34(30-19-14-12-15-20-30,31-21-1  
**InchiKey:** ZMLOMGJKPVEKLP-UHFFFAOYSA-N  
**Formula:** C31H48O2Si  
**SMILES:** CCCCCCCCCCO[Si](OC1CC(C)CC(C)C1)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 480.80

## Physical Properties

Property code	Value	Unit	Source
log10ws	-15.29		Crippen Method
logp	7.632		Crippen Method
rinpol	2990.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368034&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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