

# Silane, diphenyl(trans-4-methylcyclohexyloxy)undecyloxy

**Inchi:** InChI=1S/C30H46O2Si/c1-3-4-5-6-7-8-9-10-17-26-31-33(29-18-13-11-14-19-29,30-20-15)  
**InchiKey:** OXVWNYOFAODSAG-UHFFFAOYSA-N  
**Formula:** C30H46O2Si  
**SMILES:** CCCCCCCCCCO[Si](OC1CCC(C)CC1)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 466.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	-15.12		Crippen Method
logp	7.386		Crippen Method
rinsol	3021.00		NIST Webbook
rinsol	3021.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367763&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  
**rinsol:** Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/36-443-0/Silane-diphenyl-trans-4-methylcyclohexyloxy-undecyloxy.pdf>

Generated by Cheméo on 2024-04-29 09:41:39.223433831 +0000 UTC m=+16672948.144011153.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.