

# Silane, diphenylcyclopentyloxydodecyloxy-

**Inchi:** InChI=1S/C29H44O2Si/c1-2-3-4-5-6-7-8-9-10-19-26-30-32(28-22-13-11-14-23-28,29-24-  
**InchiKey:** KPTDLWIRHQCEPP-UHFFFAOYSA-N  
**Formula:** C29H44O2Si  
**SMILES:** CCCCCCCCCCO[Si](OC1CCCC1)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 452.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.94		Crippen Method
logp	7.140		Crippen Method
rinpol	2963.00		NIST Webbook
rinpol	2963.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368012&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

Latest version available from:

<https://www.cheméo.com/cid/118-534-8/Silane-diphenylcyclopentyloxydodecyloxy.pdf>

Generated by Cheméo on 2024-04-29 15:02:10.536086237 +0000 UTC m=+16692179.456663549.

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