

# Silane, diphenyl(3,3-dimethylbut-2-yloxy)dodecyloxy-

**Inchi:** InChI=1S/C30H48O2Si/c1-6-7-8-9-10-11-12-13-14-21-26-31-33(28-22-17-15-18-23-28,29-30)/Si1  
**InchiKey:** WLYALGUDNDKIGR-UHFFFAOYSA-N  
**Formula:** C30H48O2Si  
**SMILES:** CCCCCCCCCCCC[Si](OC(C)C(C)C)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 468.79

## Physical Properties

Property code	Value	Unit	Source
log10ws	-15.22		Crippen Method
logp	7.632		Crippen Method
rinpol	2847.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U367683&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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