

# Silane, diphenyl(3-methylbut-2-yloxy)undecyloxy-

**Inchi:** InChI=1S/C28H44O2Si/c1-5-6-7-8-9-10-11-12-19-24-29-31(30-26(4)25(2)3,27-20-15-13-  
**InchiKey:** JPVAERCFCURMTD-UHFFFAOYSA-N  
**Formula:** C28H44O2Si  
**SMILES:** CCCCCCCCCCO[Si](OC(C)C(C)C)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 440.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.38		Crippen Method
logp	6.851		Crippen Method
rinsol	2701.00		NIST Webbook
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367648&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

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