

# Silane, diphenylcitronellyloxydecyloxy-

**Inchi:** InChI=1S/C32H50O2Si/c1-5-6-7-8-9-10-11-18-27-33-35(31-22-14-12-15-23-31,32-24-16)  
**InchiKey:** FFDHDQDLNCHSCE-UHFFFAOYSA-N  
**Formula:** C32H50O2Si  
**SMILES:** CCCCCCCCCO[Si](OCCC(C)CCC=C(C)C)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 494.82

## Physical Properties

Property code	Value	Unit	Source
log10ws	-15.80		Crippen Method
logp	8.190		Crippen Method
rinpol	2468.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367965&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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<https://www.chemeo.com/cid/32-742-2/Silane-diphenylcitronellyloxydecyloxy.pdf>

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