

# Silane, diphenylcitronellyloxy-pentyloxy-

**Inchi:** InChI=1S/C27H40O2Si/c1-5-6-13-22-28-30(26-17-9-7-10-18-26,27-19-11-8-12-20-27)29  
**InchiKey:** IFUPDLFMALBGKT-UHFFFAOYSA-N  
**Formula:** C27H40O2Si  
**SMILES:** CCCCCO[Si](OCCC(C)CCC=C(C)C)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 424.69

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.71		Crippen Method
logp	6.239		Crippen Method
rinpol	1981.00		NIST Webbook
rinpol	1981.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367960&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

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