

# Silane, diphenylbutoxycyclopentyloxy-

**Inchi:** InChI=1S/C21H28O2Si/c1-2-3-18-22-24(20-14-6-4-7-15-20,21-16-8-5-9-17-21)23-19-12-  
**InchiKey:** AYGWBTHEBVSYDH-UHFFFAOYSA-N  
**Formula:** C21H28O2Si  
**SMILES:** CCCCCO[Si](OC1CCCC1)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 340.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.59		Crippen Method
logp	4.019		Crippen Method
rinsol	2187.00		NIST Webbook
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## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368005&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/33-259-8/Silane-diphenylbutoxycyclopentyloxy.pdf>

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