

# Silane, diphenylcyclopentyloxyisobutoxy-

**Inchi:** InChI=1S/C21H28O2Si/c1-18(2)17-22-24(20-13-5-3-6-14-20,21-15-7-4-8-16-21)23-19-11  
**InchiKey:** KBHZULQORMSCB-UHFFFAOYSA-N  
**Formula:** C21H28O2Si  
**SMILES:** CC(C)CO[Si](OC1CCCC1)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 340.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.35		Crippen Method
logp	3.875		Crippen Method
rinpol	2136.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368004&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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