

# Silane, diphenyl(1-cyclopentylethoxy)propoxy-

**Inchi:** InChI=1S/C22H30O2Si/c1-3-18-23-25(21-14-6-4-7-15-21,22-16-8-5-9-17-22)24-19(2)20-  
**InchiKey:** SLTDSZMIRMYMBK-UHFFFAOYSA-N  
**Formula:** C22H30O2Si  
**SMILES:** CCCO[Si](OC(C)C1CCCC1)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 354.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.77		Crippen Method
logp	4.265		Crippen Method
rinpol	2241.00		NIST Webbook

## 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=U368037&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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<https://www.chemeo.com/cid/34-557-6/Silane-diphenyl-1-cyclopentylethoxy-propoxy.pdf>

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