

# Silane, diphenylcyclohexylmethoxyethoxy-

**Inchi:** InChI=1S/C21H28O2Si/c1-2-22-24(20-14-8-4-9-15-20,21-16-10-5-11-17-21)23-18-19-12  
**InchiKey:** XMRYPNYCFQFCBC-UHFFFAOYSA-N  
**Formula:** C21H28O2Si  
**SMILES:** CCO[Si](OCC1CCCCC1)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 340.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.24		Crippen Method
logp	3.876		Crippen Method
rinpol	2256.00		NIST Webbook

## Sources

**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=U368014&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/22-716-2/Silane-diphenylcyclohexylmethoxyethoxy.pdf>

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