

# Silane, diphenyl(2-methoxyethoxy)propoxy-

**Inchi:** InChI=1S/C18H24O3Si/c1-3-14-20-22(21-16-15-19-2,17-10-6-4-7-11-17)18-12-8-5-9-13-  
**InchiKey:** PHGBIRMXZXORDB-UHFFFAOYSA-N  
**Formula:** C18H24O3Si  
**SMILES:** CCCO[Si](OCCOC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 316.47

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.42		Crippen Method
logp	2.333		Crippen Method
rinpol	1999.00		NIST Webbook
rinpol	1999.00		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=U367721&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/43-845-6/Silane-diphenyl-2-methoxyethoxy-propoxy.pdf>

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