

# Silane, dimethyl(4-phenylphenoxy)ethoxy-

**Inchi:** InChI=1S/C16H20O2Si/c1-4-17-19(2,3)18-16-12-10-15(11-13-16)14-8-6-5-7-9-14/h5-13H  
**InchiKey:** KAZFMOXSPVAQDU-UHFFFAOYSA-N  
**Formula:** C16H20O2Si  
**SMILES:** CCO[Si](C)(C)Oc1ccc(-c2ccccc2)cc1  
**Mol. weight [g/mol]:** 272.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.17		Crippen Method
logp	4.471		Crippen Method
rinpol	1936.00		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=U347485&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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