

# Silane, dimethyl(2-biphenyloxy)pentyl-oxo-

**Inchi:** InChI=1S/C19H26O2Si/c1-4-5-11-16-20-22(2,3)21-19-15-10-9-14-18(19)17-12-7-6-8-13-  
**InchiKey:** QDYMRDPISUHVNI-UHFFFAOYSA-N  
**Formula:** C19H26O2Si  
**SMILES:** CCCCCO[Si](C)(C)Oc1cccc1-c1cccc1  
**Mol. weight [g/mol]:** 314.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.43		Crippen Method
logp	5.641		Crippen Method
rinpol	2007.00		NIST Webbook
rinpol	2007.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347345&Units=SI>  
**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)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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