

# Silane, dimethyl(2-biphenyloxy)isohexyloxy-

**Inchi:** InChI=1S/C20H28O2Si/c1-17(2)11-10-16-21-23(3,4)22-20-15-9-8-14-19(20)18-12-6-5-7-  
**InchiKey:** FXQJJZMULIRPRK-UHFFFAOYSA-N  
**Formula:** C20H28O2Si  
**SMILES:** CC(C)CCCO[Si](C)(C)Oc1ccccc1-c1ccccc1  
**Mol. weight [g/mol]:** 328.52

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.60		Crippen Method
logp	5.887		Crippen Method
rinpol	2061.00		NIST Webbook
rinpol	2061.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347346&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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