

# Silane, dimethyldi(4-(2-phenylprop-2-yl)phenoxy)-

**Inchi:** InChI=1S/C32H36O2Si/c1-31(2,25-13-9-7-10-14-25)27-17-21-29(22-18-27)33-35(5,6)34  
**InchiKey:** ATXRWKAWENBFAP-UHFFFAOYSA-N  
**Formula:** C32H36O2Si  
**SMILES:** CC(C)(c1ccccc1)c1ccc(O[Si](C)(C)Oc2ccc(C(C)(C)c3ccccc3)cc2)cc1  
**Mol. weight [g/mol]:** 480.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.22		Crippen Method
logp	8.498		Crippen Method
rinpol	3519.00		NIST Webbook
rinpol	3519.00		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=U347198&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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