

# Silane, diphenylhexadecyloxy(3-methylbut-2-yloxy)-

**Inchi:** InChI=1S/C33H54O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-24-29-34-36(35-31(4)30(2)  
**InchiKey:** HPZAUEQGFTWXDW-UHFFFAOYSA-N  
**Formula:** C33H54O2Si  
**SMILES:** CCCCCCCCCCCCCCO[Si](OC(C)C(C)C)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 510.87

## Physical Properties

Property code	Value	Unit	Source
log10ws	-16.48		Crippen Method
logp	8.802		Crippen Method
rinpol	3210.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367652&Units=SI>  
**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)

## Legend

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

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