

# Silane, diphenylisohexyloxy(4-(4-methoxyphenyl)cyclohexyloxy)

**Inchi:** InChI=1S/C31H40O3Si/c1-25(2)11-10-24-33-35(30-12-6-4-7-13-30,31-14-8-5-9-15-31)34  
**InchiKey:** IAMDDDAPTHDLFS-UHFFFAOYSA-N  
**Formula:** C31H40O3Si  
**SMILES:** COc1ccc(C2CCC(O[Si](OCCCC(C)C)(c3ccccc3)c3ccccc3)CC2)cc1  
**Mol. weight [g/mol]:** 488.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.30		Crippen Method
logp	6.447		Crippen Method
rinpol	3510.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367482&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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