

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

**Inchi:** InChI=1S/C27H32O3Si/c1-3-29-31(26-10-6-4-7-11-26,27-12-8-5-9-13-27)30-25-20-16-23  
**InchiKey:** LOUVXQUNLKEBNJ-UHFFFAOYSA-N  
**Formula:** C27H32O3Si  
**SMILES:** CCO[Si](OC1CCC(c2ccc(OC)cc2)CC1)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 432.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.87		Crippen Method
logp	5.031		Crippen Method
rinpol	3218.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367477&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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