

# Silane, diphenyldi(3-cyclohexenylmethoxy)-

**Inchi:** InChI=1S/C26H32O2Si/c1-5-13-23(14-6-1)21-27-29(25-17-9-3-10-18-25,26-19-11-4-12-20)22-24-28-30  
**InchiKey:** YWBBZJFFXABOFS-UHFFFAOYSA-N  
**Formula:** C<sub>26</sub>H<sub>32</sub>O<sub>2</sub>Si  
**SMILES:** C1=CCC(CO[Si](OCC2CC=CCC2)(c2ccccc2)c2ccccc2)CC1  
**Mol. weight [g/mol]:** 404.62

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.69		Crippen Method
logp	4.989		Crippen Method
rinpol	2859.00		NIST Webbook
rinpol	2859.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368203&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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