

# Silane, diphenyl(cis-hex-3-en-1-yloxy)decyloxy-

**Inchi:** InChI=1S/C28H42O2Si/c1-3-5-7-9-10-11-12-20-26-30-31(27-21-15-13-16-22-27,28-23-1  
**InchiKey:** WVEMXYDOBVLQFQ-VURMDHGXSA-N  
**Formula:** C28H42O2Si  
**SMILES:** CCC=CCCO[Si](OCCCCCCCCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 438.72

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.37		Crippen Method
logp	6.773		Crippen Method
rinpol	2783.00		NIST Webbook
rinpol	2783.00		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=U367995&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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