

# Silane, diphenyl(dodec-9-yn-1-yloxy)isohexyloxy-

**Inchi:** InChI=1S/C30H44O2Si/c1-4-5-6-7-8-9-10-11-12-19-26-31-33(29-22-15-13-16-23-29,30-2)  
**InchiKey:** KIFGWUMKKXVULF-UHFFFAOYSA-N  
**Formula:** C30H44O2Si  
**SMILES:** CCC#CCCCCCCCO[Si](OCCCC(C)C)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 464.75

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.90		Crippen Method
logp	6.856		Crippen Method
rinsol	2997.00		NIST Webbook
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367747&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  
**rinsol:** Non-polar retention indices

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