

# Silane, diphenylhexyloxy(3-methylbut-3-en-1-yloxy)-

**Inchi:** InChI=1S/C23H32O2Si/c1-4-5-6-13-19-24-26(25-20-18-21(2)3,22-14-9-7-10-15-22)23-16  
**InchiKey:** PDZVNFQMMMMTNE-UHFFFAOYSA-N  
**Formula:** C23H32O2Si  
**SMILES:** C=C(C)CCO[Si](OCCCCC)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 368.58

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.27		Crippen Method
logp	4.823		Crippen Method
rinpol	2298.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367809&Units=SI>  
**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)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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