

# Silane, diphenyl(2,4-dimethylpent-3-yloxy)nonyloxy-

**Inchi:** InChI=1S/C28H44O2Si/c1-6-7-8-9-10-11-18-23-29-31(26-19-14-12-15-20-26,27-21-16-17-18)/Si1  
**InchiKey:** DXJPMKSGCYDKTK-UHFFFAOYSA-N  
**Formula:** C28H44O2Si  
**SMILES:** CCCCCCCCCO[Si](OC(C(C)C)C(C)C)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 440.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.14		Crippen Method
logp	6.707		Crippen Method
rinpol	2627.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367533&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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