

# Silane, chlorodiphenyl(3,3-dimethylbut-2-yloxy)-

**Inchi:** InChI=1S/C18H23ClOSi/c1-15(18(2,3)4)20-21(19,16-11-7-5-8-12-16)17-13-9-6-10-14-17  
**InchiKey:** LTXZGZYZSJXDEA-UHFFFAOYSA-N  
**Formula:** C18H23ClOSi  
**SMILES:** CC(O[Si](Cl)(c1ccccc1)c1ccccc1)C(C)(C)C  
**Mol. weight [g/mol]:** 318.91

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.26		Crippen Method
logp	3.933		Crippen Method
rinpol	1982.00		NIST Webbook

## Sources

**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=U367688&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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<https://www.chemeo.com/cid/45-546-6/Silane-chlorodiphenyl-3-3-dimethylbut-2-yloxy.pdf>

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