

# Silane, chlorodiphenyl(2,4-dimethylpent-3-yloxy)-

**Inchi:** InChI=1S/C19H25ClOSi/c1-15(2)19(16(3)4)21-22(20,17-11-7-5-8-12-17)18-13-9-6-10-14  
**InchiKey:** SJDQQA AOYICUDJ-UHFFFAOYSA-N  
**Formula:** C19H25ClOSi  
**SMILES:** CC(C)C(O[Si](Cl)(c1ccccc1)c1ccccc1)C(C)C  
**Mol. weight [g/mol]:** 332.94

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.44		Crippen Method
logp	4.179		Crippen Method
rinsol	2071.00		NIST Webbook
rinsol	2071.00		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=U367542&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/47-765-1/Silane-chlorodiphenyl-2-4-dimethylpent-3-yloxy.pdf>

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