

# Silane, dimethyl(4-chlorobenzoyloxy)isobutoxy-

**Inchi:** InChI=1S/C13H21ClO2Si/c1-11(2)9-15-17(3,4)16-10-12-5-7-13(14)8-6-12/h5-8,11H,9-10  
**InchiKey:** WZORGEOLAIYBBU-UHFFFAOYSA-N  
**Formula:** C13H21ClO2Si  
**SMILES:** CC(C)CO[Si](C)(C)OCc1ccc(Cl)cc1  
**Mol. weight [g/mol]:** 272.84

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.11		Crippen Method
logp	4.231		Crippen Method
rinpol	1601.00		NIST Webbook
rinpol	1601.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346994&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  
**rinpol:** Non-polar retention indices

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