

# Silane, diethylbutyloxy(4-chlorobenzoyloxy)-

**Inchi:** InChI=1S/C15H25ClO2Si/c1-4-7-12-17-19(5-2,6-3)18-13-14-8-10-15(16)11-9-14/h8-11H,  
**InchiKey:** MZKXJNBEANRKOQ-UHFFFAOYSA-N  
**Formula:** C15H25ClO2Si  
**SMILES:** CCCCCO[Si](CC)(CC)OCc1ccc(Cl)cc1  
**Mol. weight [g/mol]:** 300.90

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.19		Crippen Method
logp	5.155		Crippen Method
rinpol	1853.00		NIST Webbook
rinpol	1853.00		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=U363128&Units=SI>

## 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/50-305-7/Silane-diethylbutyloxy-4-chlorobenzoyloxy.pdf>

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