

# Silane, chlorodiethyl(3-phenoxybenzyloxy)-

**Inchi:** InChI=1S/C17H21ClO2Si/c1-3-21(18,4-2)19-14-15-9-8-12-17(13-15)20-16-10-6-5-7-11-1  
**InchiKey:** SJQZYPDRYFWFCH-UHFFFAOYSA-N  
**Formula:** C17H21ClO2Si  
**SMILES:** CC[Si](Cl)(CC)OCc1cccc(Oc2ccccc2)c1  
**Mol. weight [g/mol]:** 320.89

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.53		Crippen Method
logp	5.716		Crippen Method
rinpol	2183.00		NIST Webbook
rinpol	2183.00		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=U363314&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/30-063-8/Silane-chlorodiethyl-3-phenoxybenzyloxy.pdf>

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