

# Silane, dimethyl(2-chlorophenoxy)heptadecyloxy-

**Inchi:** InChI=1S/C25H45ClO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-20-23-27-29(2,3)28-2  
**InchiKey:** IJUVFMOXEBJPDD-UHFFFAOYSA-N  
**Formula:** C25H45ClO2Si  
**SMILES:** CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1ccccc1Cl  
**Mol. weight [g/mol]:** 441.16

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.53		Crippen Method
logp	9.309		Crippen Method
rinpol	2823.00		NIST Webbook
rinpol	2823.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347082&Units=SI>  
**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)

## 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/121-091-6/Silane-dimethyl-2-chlorophenoxy-heptadecyloxy.pdf>

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