

# Silane, diethyl(3-chlorophenoxy)heptadecyloxy-

**Inchi:** InChI=1S/C27H49ClO2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-19-20-24-29-31(5-2,6-)  
**InchiKey:** NMLADICBEHBKNN-UHFFFAOYSA-N  
**Formula:** C27H49ClO2Si  
**SMILES:** CCCCCCCCCCCCCCCCCO[Si](CC)(CC)Oc1cccc(Cl)c1  
**Mol. weight [g/mol]:** 469.21

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.37		Crippen Method
logp	10.089		Crippen Method
rinpol	3008.00		NIST Webbook
rinpol	3008.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363842&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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