

# Silane, diethyl(1-phenylpropoxy)tetradecyloxy-

**Inchi:** InChI=1S/C27H50O2Si/c1-5-9-10-11-12-13-14-15-16-17-18-22-25-28-30(7-3,8-4)29-27(6)  
**InchiKey:** OHLAROBUIXFQEB-UHFFFAOYSA-N  
**Formula:** C27H50O2Si  
**SMILES:** CCCCCCCCCCCCCO[Si](CC)(CC)OC(CC)c1cccc1  
**Mol. weight [g/mol]:** 434.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.49		Crippen Method
logp	9.354		Crippen Method
rinpol	2655.00		NIST Webbook
rinpol	2655.00		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=U363275&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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