

# Silane, diethyl(4-phenylphenoxy)tridecyloxy-

**Inchi:** InChI=1S/C29H46O2Si/c1-4-7-8-9-10-11-12-13-14-15-19-26-30-32(5-2,6-3)31-29-24-22-  
**InchiKey:** TVMQHYACVDHXQC-UHFFFAOYSA-N  
**Formula:** C29H46O2Si  
**SMILES:** CCCCCCCCCCCCCO[Si](CC)(CC)Oc1ccc(-c2ccccc2)cc1  
**Mol. weight [g/mol]:** 454.76

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.61		Crippen Method
logp	9.542		Crippen Method
rinpol	3182.00		NIST Webbook
rinpol	3182.00		NIST Webbook

## Sources

**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=U363397&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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