

# Silane, diethyl(3,5-dimethylphenoxy)hexadecyloxy-

**Inchi:** InChI=1S/C28H52O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-22-29-31(7-2,8-3)3  
**InchiKey:** ALBQCFQKCMRXEV-UHFFFAOYSA-N  
**Formula:** C28H52O2Si  
**SMILES:** CCCCCCCCCCCCCCO[Si](CC)(CC)Oc1cc(C)cc(C)c1  
**Mol. weight [g/mol]:** 448.80

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.22		Crippen Method
logp	9.662		Crippen Method
rinpol	2826.00		NIST Webbook
rinpol	2826.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363374&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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