

# Silane, dimethyl(4-acetylphenoxy)pentadecyloxy-

**Inchi:** InChI=1S/C25H44O3Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-22-27-29(3,4)28-25-20-18  
**InchiKey:** LSJXHZAUEUFWTK-UHFFFAOYSA-N  
**Formula:** C25H44O3Si  
**SMILES:** CCCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(C(C)=O)cc1  
**Mol. weight [g/mol]:** 420.70

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.67		Crippen Method
logp	8.078		Crippen Method
rinpol	2875.00		NIST Webbook
rinpol	2875.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347316&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/61-927-5/Silane-dimethyl-4-acetylphenoxy-pentadecyloxy.pdf>

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