

# Silane, dimethyl(4-acetylphenoxy)decyloxy-

**Inchi:** InChI=1S/C20H34O3Si/c1-5-6-7-8-9-10-11-12-17-22-24(3,4)23-20-15-13-19(14-16-20)18  
**InchiKey:** WWHRKPJJFHAEHJ-UHFFFAOYSA-N  
**Formula:** C20H34O3Si  
**SMILES:** CCCCCCCCCO[Si](C)(C)Oc1ccc(C(C)=O)cc1  
**Mol. weight [g/mol]:** 350.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.58		Crippen Method
logp	6.127		Crippen Method
rinpol	2180.00		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=U347314&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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