

# Silane, dimethyl(2-methylphenoxy)tetradecyloxy-

**Inchi:** InChI=1S/C23H42O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-18-21-24-26(3,4)25-23-20-17-16  
**InchiKey:** AUXMQINCMZMANR-UHFFFAOYSA-N  
**Formula:** C23H42O2Si  
**SMILES:** CCCCCCCCCCCCCO[Si](C)(C)Oc1cccc1C  
**Mol. weight [g/mol]:** 378.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.07		Crippen Method
logp	7.793		Crippen Method
rinpol	2423.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346962&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/20-528-3/Silane-dimethyl-2-methylphenoxy-tetradecyloxy.pdf>

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