

# Silane, dimethyl(2-methylphenoxy)heptyloxy-

**Inchi:** InChI=1S/C16H28O2Si/c1-5-6-7-8-11-14-17-19(3,4)18-16-13-10-9-12-15(16)2/h9-10,12-  
**InchiKey:** YUODYQFTVZKBBB-UHFFFAOYSA-N  
**Formula:** C16H28O2Si  
**SMILES:** CCCCCCO[Si](C)(C)Oc1ccccc1C  
**Mol. weight [g/mol]:** 280.48

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.14		Crippen Method
logp	5.063		Crippen Method
rinpol	1729.00		NIST Webbook
rinpol	1729.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346956&Units=SI>

## 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/67-838-8/Silane-dimethyl-2-methylphenoxy-heptyloxy.pdf>

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