

# Silane, dimethyl(4-phenylphenoxy)octyloxy-

**Inchi:** InChI=1S/C22H32O2Si/c1-4-5-6-7-8-12-19-23-25(2,3)24-22-17-15-21(16-18-22)20-13-10  
**InchiKey:** AUUGZJQNPRAVQB-UHFFFAOYSA-N  
**Formula:** C22H32O2Si  
**SMILES:** CCCCCCO[Si](C)(C)Oc1ccc(-c2cccc2)cc1  
**Mol. weight [g/mol]:** 356.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.68		Crippen Method
logp	6.811		Crippen Method
rinpol	2488.00		NIST Webbook
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## 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=U347491&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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<https://www.chemeo.com/cid/49-912-5/Silane-dimethyl-4-phenylphenoxy-octyloxy.pdf>

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