

# Silane, dimethyl(4-phenylphenoxy)undecyloxy-

**Inchi:** InChI=1S/C25H38O2Si/c1-4-5-6-7-8-9-10-11-15-22-26-28(2,3)27-25-20-18-24(19-21-25)  
**InchiKey:** BNLIDLUVZHBZMB-UHFFFAOYSA-N  
**Formula:** C25H38O2Si  
**SMILES:** CCCCCCCCCCO[Si](C)(C)Oc1ccc(-c2ccccc2)cc1  
**Mol. weight [g/mol]:** 398.65

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.94		Crippen Method
logp	7.982		Crippen Method
rinsol	2789.00		NIST Webbook
rinsol	2789.00		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=U347493&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/51-187-8/Silane-dimethyl-4-phenylphenoxy-undecyloxy.pdf>

Generated by Cheméo on 2024-04-28 08:53:52.886134775 +0000 UTC m=+16583681.806712101.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.