

# Silane, diphenyl(2-decyloxy)heptyloxy-

**Inchi:** InChI=1S/C29H46O2Si/c1-4-6-8-10-11-15-21-27(3)31-32(28-22-16-13-17-23-28,29-24-1  
**InchiKey:** CLFPRCILYOZRMG-UHFFFAOYSA-N  
**Formula:** C29H46O2Si  
**SMILES:** CCCCCCCC(C)O[Si](OCCCCCCC)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 454.76

## Physical Properties

Property code	Value	Unit	Source
log10ws	-15.04		Crippen Method
logp	7.386		Crippen Method
rinpol	2749.00		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=U367586&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

Latest version available from:

<https://www.chemeo.com/cid/35-658-3/Silane-diphenyl-2-decyloxy-heptyloxy.pdf>

Generated by Cheméo on 2024-04-20 02:39:18.762266142 +0000 UTC m=+15870007.682843460.

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