

# Silane, diphenyl(4-heptyloxy)octyloxy-

**Inchi:** InChI=1S/C27H42O2Si/c1-4-7-8-9-10-17-24-28-30(26-20-13-11-14-21-26,27-22-15-12-10)  
**InchiKey:** WRHCLRBQPADRLA-UHFFFAOYSA-N  
**Formula:** C27H42O2Si  
**SMILES:** CCCCCCO[Si](OC(CCC)CCC)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 426.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.21		Crippen Method
logp	6.606		Crippen Method
rinpol	2527.00		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=U367504&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/16-223-6/Silane-diphenyl-4-heptyloxy-octyloxy.pdf>

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