

# Silane, diphenyldi(4-heptyloxy)-

**Inchi:** InChI=1S/C26H40O2Si/c1-5-15-23(16-6-2)27-29(25-19-11-9-12-20-25,26-21-13-10-14-2)  
**InchiKey:** VIPHFIGSMACALT-UHFFFAOYSA-N  
**Formula:** C26H40O2Si  
**SMILES:** CCCC(CCC)O[Si](OC(CCC)CCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 412.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.90		Crippen Method
logp	6.214		Crippen Method
rinpol	2274.00		NIST Webbook
rinpol	2274.00		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=U367512&Units=SI>

## 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/11-783-0/Silane-diphenyldi-4-heptyloxy.pdf>

Generated by Cheméo on 2024-04-26 14:43:09.681031625 +0000 UTC m=+16431838.601608940.

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