

# Silane, diphenyl(4-heptyloxy)propoxy-

**Inchi:** InChI=1S/C22H32O2Si/c1-4-13-20(14-5-2)24-25(23-19-6-3,21-15-9-7-10-16-21)22-17-11  
**InchiKey:** BSOUQUUVYDAXFK-UHFFFAOYSA-N  
**Formula:** C22H32O2Si  
**SMILES:** CCCO[Si](OC(CCC)CCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 356.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.11		Crippen Method
logp	4.655		Crippen Method
rinpol	2088.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367499&Units=SI>  
**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)

## 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/22-911-5/Silane-diphenyl-4-heptyloxy-propoxy.pdf>

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