

# Silane, diphenylpentadecyloxy(2,2,3,3,3-pentafluoropropoxy)

**Inchi:** InChI=1S/C30H43F5O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-20-25-36-38(27-21-16-14-17-18-19)/1  
**InchiKey:** ZOFILLLYILSTR-UHFFFAOYSA-N  
**Formula:** C30H43F5O2Si  
**SMILES:** CCCCCCCCCCCCCCO[Si](OCC(F)(F)C(F)(F)F)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 558.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	-16.33		Crippen Method
logp	8.565		Crippen Method
rinpol	2774.00		NIST Webbook
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## 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=U368128&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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/64-084-8/Silane-diphenylpentadecyloxy-2-2-3-3-3-pentafluoropropoxy.pdf>

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