

# Silane, diphenylisohexyloxy(2,2,3,3,3-pentafluoropropoxy

**Inchi:** InChI=1S/C21H25F5O2Si/c1-17(2)10-9-15-27-29(18-11-5-3-6-12-18,19-13-7-4-8-14-19)2  
**InchiKey:** CHNSAUSNKXXQDB-UHFFFAOYSA-N  
**Formula:** C21H25F5O2Si  
**SMILES:** CC(C)CCCO[Si](OCC(F)(F)C(F)(F)F)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 432.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.32		Crippen Method
logp	4.910		Crippen Method
rinpol	1892.00		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=U368120&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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