

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

**Inchi:** InChI=1S/C19H21F5O2Si/c1-2-3-14-25-27(16-10-6-4-7-11-16,17-12-8-5-9-13-17)26-15-  
**InchiKey:** VSCMMWFLAZAHCF-UHFFFAOYSA-N  
**Formula:** C19H21F5O2Si  
**SMILES:** CCCCCO[Si](OCC(F)(F)C(F)(F)F)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 404.45

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.72		Crippen Method
logp	4.274		Crippen Method
rinpol	1761.00		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=U368118&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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