

# Silane, diphenyldi(1,1,1-trifluoroprop-2-yloxy)-

**Inchi:** InChI=1S/C18H18F6O2Si/c1-13(17(19,20)21)25-27(15-9-5-3-6-10-15,16-11-7-4-8-12-16)  
**InchiKey:** XMXOIWHHNIOPCB-UHFFFAOYSA-N  
**Formula:** C18H18F6O2Si  
**SMILES:** CC(O[Si](OC(C)C(F)(F)F)(c1ccccc1)c1ccccc1)C(F)(F)F  
**Mol. weight [g/mol]:** 408.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.88		Crippen Method
logp	4.178		Crippen Method
rinpol	1610.00		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=U368097&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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