

# Silane, diphenylpropoxy(2,2,3,3-tetrafluoropropoxy)-

**Inchi:** InChI=1S/C18H20F4O2Si/c1-2-13-23-25(15-9-5-3-6-10-15,16-11-7-4-8-12-16)24-14-18(2-13-25)1-2-13-23-25  
**InchiKey:** WLWLSAMJXHVFNP-UHFFFAOYSA-N  
**Formula:** C18H20F4O2Si  
**SMILES:** CCCO[Si](OCC(F)(F)C(F)F)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 372.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.96		Crippen Method
logp	3.587		Crippen Method
rinpol	1810.00		NIST Webbook

## 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=U368098&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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