

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

**Inchi:** InChI=1S/C22H29F3O2Si/c1-3-4-5-6-13-18-26-28(20-14-9-7-10-15-20,21-16-11-8-12-17)  
**InchiKey:** MSJNSTPIYWOXDX-UHFFFAOYSA-N  
**Formula:** C22H29F3O2Si  
**SMILES:** CCCCCCO[Si](OC(C)C(F)(F)F)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 410.55

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.78		Crippen Method
logp	5.197		Crippen Method
rinpol	2089.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368093&Units=SI>  
**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)

## Legend

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

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