

# Silane, diphenyl(2-fluoro-3-trifluoromethylphenoxy)tetradecyl

**Inchi:** InChI=1S/C33H42F4O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-19-27-38-40(28-21-15-13-16-22-23-24-25-26)/1  
**InchiKey:** RVCWCMILPMCQMZ-UHFFFAOYSA-N  
**Formula:** C33H42F4O2Si  
**SMILES:** CCCCCCCCCCCCCO[Si](Oc1cccc(C(F)(F)F)c1F)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 574.76

## Physical Properties

Property code	Value	Unit	Source
log10ws	-17.38		Crippen Method
logp	9.198		Crippen Method
rinpol	3224.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368164&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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