

# Silane, diphenylhexyloxy(2,3,4-trifluorophenoxy)-

**Inchi:** InChI=1S/C24H25F3O2Si/c1-2-3-4-11-18-28-30(19-12-7-5-8-13-19,20-14-9-6-10-15-20)2  
**InchiKey:** CULIGTHRQOMJII-UHFFFAOYSA-N  
**Formula:** C24H25F3O2Si  
**SMILES:** CCCCCCO[Si](Oc1ccc(F)c(F)c1F)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 430.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.59		Crippen Method
logp	5.336		Crippen Method
rinpol	2469.00		NIST Webbook
rinpol	2469.00		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=U368076&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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