

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

**Inchi:** InChI=1S/C25H26F4O2Si/c1-19(2)11-10-18-30-32(20-12-5-3-6-13-20,21-14-7-4-8-15-21  
**InchiKey:** UYDGMBZTCYBHOJ-UHFFFAOYSA-N  
**Formula:** C25H26F4O2Si  
**SMILES:** CC(C)CCCO[Si](Oc1cccc(C(F)(F)F)c1F)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 462.55

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.78		Crippen Method
logp	5.933		Crippen Method
rinpol	2402.00		NIST Webbook
rinpol	2402.00		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=U368156&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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