

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

**Inchi:** InChI=1S/C23H22F4O2Si/c1-17(2)16-28-30(18-10-5-3-6-11-18,19-12-7-4-8-13-19)29-21  
**InchiKey:** FOVCUXZPIZAAKC-UHFFFAOYSA-N  
**Formula:** C<sub>23</sub>H<sub>22</sub>F<sub>4</sub>O<sub>2</sub>Si  
**SMILES:** CC(C)CO[Si](Oc1cccc(C(F)(F)F)c1F)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 434.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.95		Crippen Method
logp	5.152		Crippen Method
rinpol	2216.00		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=U368154&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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