

# Silane, diethylbutoxy(2-fluorophenoxy)-

**Inchi:** InChI=1S/C14H23FO2Si/c1-4-7-12-16-18(5-2,6-3)17-14-11-9-8-10-13(14)15/h8-11H,4-7,  
**InchiKey:** BFZQIUPNTMKGFR-UHFFFAOYSA-N  
**Formula:** C14H23FO2Si  
**SMILES:** CCCCCO[Si](CC)(CC)Oc1ccccc1F  
**Mol. weight [g/mol]:** 270.42

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.57		Crippen Method
logp	4.503		Crippen Method
rinpol	1530.00		NIST Webbook

## Sources

**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=U363300&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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<https://www.chemeo.com/cid/54-569-1/Silane-diethylbutoxy-2-fluorophenoxy.pdf>

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