

# Silane, dimethyl(2-bromo-4-fluorophenoxy)decyloxy-

**Inchi:** InChI=1S/C18H30BrFO2Si/c1-4-5-6-7-8-9-10-11-14-21-23(2,3)22-18-13-12-16(20)15-17  
**InchiKey:** ITLGBGLTOGIIPW-UHFFFAOYSA-N  
**Formula:** C18H30BrFO2Si  
**SMILES:** CCCCCCCCCO[Si](C)(C)Oc1ccc(F)cc1Br  
**Mol. weight [g/mol]:** 405.42

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.41		Crippen Method
logp	6.826		Crippen Method
rinpol	2156.00		NIST Webbook
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## 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=U347037&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## Legend

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

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