

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

**Inchi:** InChI=1S/C22H21F3O2Si/c1-2-3-16-26-28(17-10-6-4-7-11-17,18-12-8-5-9-13-18)27-20-1  
**InchiKey:** BNYKVHDYVLCOQE-UHFFFAOYSA-N  
**Formula:** C22H21F3O2Si  
**SMILES:** CCCCCO[Si](Oc1ccc(F)c(F)c1F)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 402.48

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.75		Crippen Method
logp	4.556		Crippen Method
rinpol	2288.00		NIST Webbook
rinpol	2288.00		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=U368073&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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<https://www.chemeo.com/cid/118-099-2/Silane-diphenylbutoxy-2-3-4-trifluorophenoxy.pdf>

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