

# Silane, diphenyldecyloxy(2-fluoroethoxy)-

**Inchi:** InChI=1S/C24H35FO2Si/c1-2-3-4-5-6-7-8-15-21-26-28(27-22-20-25,23-16-11-9-12-17-23)  
**InchiKey:** RDWXQTLQRSFEHU-UHFFFAOYSA-N  
**Formula:** C24H35FO2Si  
**SMILES:** CCCCCCCCCO[Si](OCCF)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 402.62

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.69		Crippen Method
logp	5.386		Crippen Method
rinpol	2546.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368140&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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