

# Silane, dimethyl(3,5-difluorophenoxy)docosyloxy-

**Inchi:** InChI=1S/C30H54F2O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24  
**InchiKey:** NDGMYKHQENTDAN-UHFFFAOYSA-N  
**Formula:** C30H54F2O2Si  
**SMILES:** CCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1cc(F)cc(F)c1  
**Mol. weight [g/mol]:** 512.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.60		Crippen Method
logp	10.884		Crippen Method
rinsol	3064.00		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=U347174&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  
**rinsol:** Non-polar retention indices

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