

# Silane, diphenyl(2,2,3,3-tetrafluoropropoxy)undecyloxy-

**Inchi:** InChI=1S/C26H36F4O2Si/c1-2-3-4-5-6-7-8-9-16-21-31-33(23-17-12-10-13-18-23,24-19-25-26)/1-2  
**InchiKey:** VF XKJJMEMRIHAV-UHFFFAOYSA-N  
**Formula:** C<sub>26</sub>H<sub>36</sub>F<sub>4</sub>O<sub>2</sub>Si  
**SMILES:** CCCCCCCCCCO[Si](OCC(F)(F)C(F)F)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 484.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.30		Crippen Method
logp	6.707		Crippen Method
rinpol	2539.00		NIST Webbook
rinpol	2539.00		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=U368108&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/61-068-9/Silane-diphenyl-2-2-3-3-tetrafluoropropoxy-undecyloxy.pdf>

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