

# Silane, diphenyl(2,2,3,4,4,4-hexafluorobutoxy)octyloxy-

**Inchi:** InChI=1S/C24H30F6O2Si/c1-2-3-4-5-6-13-18-31-33(20-14-9-7-10-15-20,21-16-11-8-12-13)/1-2-3-4-5-6-13-18-31-33(20-14-9-7-10-15-20,21-16-11-8-12-13)/1-2-3-4-5-6-13-18-31-33(20-14-9-7-10-15-20,21-16-11-8-12-13)  
**InchiKey:** HKNIRMVGSBUEBO-UHFFFAOYSA-N  
**Formula:** C<sub>24</sub>H<sub>30</sub>F<sub>6</sub>O<sub>2</sub>Si  
**SMILES:** CCCCCCO[Si](OCC(F)(F)C(F)C(F)(F)F)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 492.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.78		Crippen Method
logp	6.172		Crippen Method
rinpol	2206.00		NIST Webbook
rinpol	2206.00		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=U368172&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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