

# Silane, diethyl(pentafluorobenzyloxy)propoxy-

**Inchi:** InChI=1S/C14H19F5O2Si/c1-4-7-20-22(5-2,6-3)21-8-9-10(15)12(17)14(19)13(18)11(9)16  
**InchiKey:** NUYWYTAWNFBGBQ-UHFFFAOYSA-N  
**Formula:** C14H19F5O2Si  
**SMILES:** CCCO[Si](CC)(CC)OCc1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 342.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.75		Crippen Method
logp	4.807		Crippen Method
rinpol	1459.00		NIST Webbook
rinpol	1459.00		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=U363219&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/113-999-8/Silane-diethyl-pentafluorobenzyloxy-propoxy.pdf>

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