

# Silane, dimethyl(pentafluorobenzyloxy)butoxy-

**Inchi:** InChI=1S/C13H17F5O2Si/c1-4-5-6-19-21(2,3)20-7-8-9(14)11(16)13(18)12(17)10(8)15/h4  
**InchiKey:** YBJAYCKPVJGYKW-UHFFFAOYSA-N  
**Formula:** C13H17F5O2Si  
**SMILES:** CCCCCO[Si](C)(C)OCc1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 328.35

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.33		Crippen Method
logp	4.417		Crippen Method
rinpol	1363.00		NIST Webbook
rinpol	1363.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347260&Units=SI>  
**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)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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