

# Silane, dimethyl(pentafluorobenzyloxy)propoxy-

**Inchi:** InChI=1S/C12H15F5O2Si/c1-4-5-18-20(2,3)19-6-7-8(13)10(15)12(17)11(16)9(7)14/h4-6H  
**InchiKey:** KMGKICJAUTYESY-UHFFFAOYSA-N  
**Formula:** C12H15F5O2Si  
**SMILES:** CCCO[Si](C)(C)OCc1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 314.32

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.91		Crippen Method
logp	4.027		Crippen Method
rinpol	1280.00		NIST Webbook
rinpol	1280.00		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=U347258&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/85-550-7/Silane-dimethyl-pentafluorobenzyloxy-propoxy.pdf>

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