

# Silane, dimethyl(dimethyl(pentafluorobenzyloxy)silyloxy)

**Inchi:** InChI=1S/C18H16F10O3Si2/c1-32(2,29-5-7-9(19)13(23)17(27)14(24)10(7)20)31-33(3,4)  
**InchiKey:** SJIGDXMUQRHKAK-UHFFFAOYSA-N  
**Formula:** C18H16F10O3Si2  
**SMILES:** C[Si](C)(OCc1c(F)c(F)c(F)c(F)c1F)O[Si](C)(C)OCc1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 526.47

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.40		Crippen Method
logp	6.231		Crippen Method

## 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=U347276&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient

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