

# 2-Propylphenol, dimethylpentafluorophenylsilyl ether

**Inchi:** InChI=1S/C17H17F5OSi/c1-4-7-10-8-5-6-9-11(10)23-24(2,3)17-15(21)13(19)12(18)14(20)  
**InchiKey:** ZLWBKSFAUIDOHB-UHFFFAOYSA-N  
**Formula:** C17H17F5OSi  
**SMILES:** CCCc1ccccc1O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 360.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.53		Crippen Method
logp	4.826		Crippen Method
rinpol	1727.00		NIST Webbook
rinpol	1727.00		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=U368969&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/41-370-5/2-Propylphenol-dimethylpentafluorophenylsilyl-ether.pdf>

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