

# 2-Phenylethanol, dimethylpentafluorophenylsilyl ether

**Inchi:** InChI=1S/C16H15F5OSi/c1-23(2,22-9-8-10-6-4-3-5-7-10)16-14(20)12(18)11(17)13(19)15  
**InchiKey:** GKFAQCCYQNNLJQS-UHFFFAOYSA-N  
**Formula:** C16H15F5OSi  
**SMILES:** C[Si](C)(OCCc1ccccc1)c1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 346.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.50		Crippen Method
logp	4.053		Crippen Method
rinpol	1714.00		NIST Webbook
rinpol	1714.00		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=U368905&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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