

# 4,4-Dimethylpentan-2-ol, dimethylpentafluorophenylsilyl ether

**Inchi:** InChI=1S/C15H21F5OSi/c1-8(7-15(2,3)4)21-22(5,6)14-12(19)10(17)9(16)11(18)13(14)20  
**InchiKey:** PAFSQKVLRCKJGU-UHFFFAOYSA-N  
**Formula:** C15H21F5OSi  
**SMILES:** CC(CC(C)(C)C)O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 340.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.85		Crippen Method
logp	4.636		Crippen Method
rinpol	1401.00		NIST Webbook
rinpol	1401.00		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=U368702&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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