

# 4-Methylpentan-2-ol, dimethylpentafluorophenylsilyl ether

**Inchi:** InChI=1S/C14H19F5OSi/c1-7(2)6-8(3)20-21(4,5)14-12(18)10(16)9(15)11(17)13(14)19/h7  
**InchiKey:** XEVISVFZCLCTMA-UHFFFAOYSA-N  
**Formula:** C14H19F5OSi  
**SMILES:** CC(C)CC(C)O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 326.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.43		Crippen Method
logp	4.245		Crippen Method
rinpol	1342.00		NIST Webbook
rinpol	1342.00		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=U367943&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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