

# 1-Dimethyl(pentafluorophenyl)silyloxyhexane

**Other names:** Silane, dimethyl(hexyloxy)(pentafluorophenyl)-  
Hexanol, dimethylpentafluorophenylsilyl ether  
1-Hexanol, FP

**Inchi:** InChI=1S/C14H19F5OSi/c1-4-5-6-7-8-20-21(2,3)14-12(18)10(16)9(15)11(17)13(14)19/h

**InchiKey:** DQIZQAAWFHIKDJ-UHFFFAOYSA-N

**Formula:** C14H19F5OSi

**SMILES:** CCCCCO[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F

**Mol. weight [g/mol]:** 326.38

**CAS:** 73000-05-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.56		Crippen Method
logp	4.391		Crippen Method
rinpol	1461.00		NIST Webbook
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## 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=C73000052&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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