

# Heptanol, dimethylpentafluorophenylsilyl ether

**Inchi:** InChI=1S/C15H21F5OSi/c1-4-5-6-7-8-9-21-22(2,3)15-13(19)11(17)10(16)12(18)14(15)20  
**InchiKey:** SBMCGSIZRWYRQD-UHFFFAOYSA-N  
**Formula:** C15H21F5OSi  
**SMILES:** CCCCCCO[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	-7.98		Crippen Method
logp	4.781		Crippen Method
rinpol	1554.00		NIST Webbook
rinpol	1554.00		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=U368257&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/21-701-9/Heptanol-dimethylpentafluorophenylsilyl-ether.pdf>

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