

# (2-Methylphenyl)methanol, dimethylpentafluorophenylsilyl ether

**Inchi:** InChI=1S/C16H15F5OSi/c1-9-6-4-5-7-10(9)8-22-23(2,3)16-14(20)12(18)11(17)13(19)15(16)21  
**InchiKey:** RAQMHCJTYKXSNH-UHFFFAOYSA-N  
**Formula:** C16H15F5OSi  
**SMILES:** Cc1ccccc1CO[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 346.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.05		Crippen Method
logp	4.319		Crippen Method
rinpol	1705.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368936&Units=SI>  
**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)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/17-594-4/2-Methylphenyl-methanol-dimethylpentafluorophenylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-27 17:36:15.419846752 +0000 UTC m=+16528624.340424068.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.