

# 2'-Hydroxy-6'-methoxyacetophenone, tert-butyldimethylsilyl ether

**Other names:** 2'-Hydroxy-6'-methoxyacetophenone, tbdms derivative  
**Inchi:** InChI=1S/C15H24O3Si/c1-11(16)14-12(17-5)9-8-10-13(14)18-19(6,7)15(2,3)4/h8-10H,1-  
**InchiKey:** WAGOHTPSDQWMKF-UHFFFAOYSA-N  
**Formula:** C15H24O3Si  
**SMILES:** COc1cccc(O[Si](C)(C)C(C)(C)C)c1C(C)=O  
**Mol. weight [g/mol]:** 280.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.52		Crippen Method
logp	4.282		Crippen Method
rinpol	1763.40		NIST Webbook
rinpol	1763.40		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352927&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

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