

# 4-Hydroxy-2-methoxybenzaldehyde, tert-butyldimethylsilyl ether

**Other names:** 4-Hydroxy-2-methoxybenzaldehyde, tbdms derivative  
**Inchi:** InChI=1S/C14H22O3Si/c1-14(2,3)18(5,6)17-12-8-7-11(10-15)13(9-12)16-4/h7-10H,1-6H3  
**InchiKey:** ZRTGHDJEWGWQFT-UHFFFAOYSA-N  
**Formula:** C14H22O3Si  
**SMILES:** COc1cc(O[Si](C)(C)C(C)(C)C)ccc1C=O  
**Mol. weight [g/mol]:** 266.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.10		Crippen Method
logp	3.892		Crippen Method
rinpol	1869.50		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352914&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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