

# 2-Butanol, benzyldimethylsilyl ether

**Inchi:** InChI=1S/C13H22OSi/c1-5-12(2)14-15(3,4)11-13-9-7-6-8-10-13/h6-10,12H,5,11H2,1-4H  
**InchiKey:** SYLFZPVCHKYVSZ-UHFFFAOYSA-N  
**Formula:** C13H22OSi  
**SMILES:** CCC(C)O[Si](C)(C)Cc1ccccc1  
**Mol. weight [g/mol]:** 222.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.70		Crippen Method
logp	3.788		Crippen Method
rinpol	1373.00		NIST Webbook

## Sources

**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=U375554&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/69-004-1/2-Butanol-benzyldimethylsilyl-ether.pdf>

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