

# 2-Methyl-1-pentanol, benzyldimethylsilyl ether

**Inchi:** InChI=1S/C15H26OSi/c1-5-9-14(2)12-16-17(3,4)13-15-10-7-6-8-11-15/h6-8,10-11,14H,5  
**InchiKey:** OZZKFGWZDMQWFN-UHFFFAOYSA-N  
**Formula:** C15H26OSi  
**SMILES:** CCCC(C)CO[Si](C)(C)Cc1ccccc1  
**Mol. weight [g/mol]:** 250.45

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.19   |      | Crippen Method |
| logp          | 4.426   |      | Crippen Method |
| rinpol        | 1554.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375647&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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