# DL-3-Methyl-2-butanol, benzyldimethylsilyl ether

**Inchi:** InChI=1S/C14H24OSi/c1-12(2)13(3)15-16(4,5)11-14-9-7-6-8-10-14/h6-10,12-13H,11H2,1

**InchiKey:** JEAIFJQUXKVYCK-UHFFFAOYSA-N

**Formula:** C14H24OSi

**SMILES:** CC(C)C(C)O[Si](C)(C)Cc1ccccc1

**Mol. weight [g/mol]:** 236.43

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -1.88 | | Crippen Method |
| logp | 4.034 | | Crippen Method |
| rinpol | 1433.00 | | NIST Webbook |
| rinpol | 1442.00 | | NIST Webbook |
| rinpol | 1433.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U375559&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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