

# Cyclohexanemethanol, benzyldimethylsilyl ether

**Inchi:** InChI=1S/C16H26OSi/c1-18(2,14-16-11-7-4-8-12-16)17-13-15-9-5-3-6-10-15/h4,7-8,11-12,14-16,18-19,21-22/t17-18  
**InchiKey:** JAHQCQSCQVKNNGH-UHFFFAOYSA-N  
**Formula:** C16H26OSi  
**SMILES:** C[Si](C)(Cc1ccccc1)OCC1CCCCC1  
**Mol. weight [g/mol]:** 262.46

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.50   |      | Crippen Method |
| logp          | 4.570   |      | Crippen Method |
| rinpol        | 1722.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376038&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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