

# 1-Methylcyclohexanol, bromomethyl dimethylsilyl ether

**Inchi:** InChI=1S/C10H21BrOSi/c1-10(7-5-4-6-8-10)12-13(2,3)9-11/h4-9H2,1-3H3  
**InchiKey:** QPQYVNRTNVURFO-UHFFFAOYSA-N  
**Formula:** C<sub>10</sub>H<sub>21</sub>BrOSi  
**SMILES:** CC1(O[Si](C)(C)CBr)CCCCC1  
**Mol. weight [g/mol]:** 265.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.67		Crippen Method
logp	3.865		Crippen Method
rinpol	1391.00		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=U376033&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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