

# 2-Methyl-1-pentanol, bromomethyl dimethylsilyl ether

**Inchi:** InChI=1S/C9H21BrOSi/c1-5-6-9(2)7-11-12(3,4)8-10/h9H,5-8H2,1-4H3  
**InchiKey:** OKKRBKPMTPKSTI-UHFFFAOYSA-N  
**Formula:** C9H21BrOSi  
**SMILES:** CCCC(C)CO[Si](C)(C)CBr  
**Mol. weight [g/mol]:** 253.25

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.01		Crippen Method
logp	3.578		Crippen Method
rinpol	1249.00		NIST Webbook
rinpol	1249.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375646&Units=SI>  
**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)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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