

# 3-Methyl-2-nitrobenzyl alcohol, bromomethyl dimethylsilyl ether

**Inchi:** InChI=1S/C11H16BrNO3Si/c1-9-5-4-6-10(11(9)13(14)15)7-16-17(2,3)8-12/h4-6H,7-8H2,  
**InchiKey:** SVMAJCXWCMZQSQ-UHFFFAOYSA-N  
**Formula:** C11H16BrNO3Si  
**SMILES:** Cc1cccc(CO[Si](C)(C)CBr)c1[N+](=O)[O-]  
**Mol. weight [g/mol]:** 318.24

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.39		Crippen Method
logp	3.559		Crippen Method
rinpol	1880.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376180&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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