

# 5-Chloro-2-nitrobenzyl alcohol, bromomethyl dimethylsilyl ether

**Inchi:** InChI=1S/C10H13BrClNO3Si/c1-17(2,7-11)16-6-8-5-9(12)3-4-10(8)13(14)15/h3-5H,6-7H  
**InchiKey:** GGQYJSBRGIKWURU-UHFFFAOYSA-N  
**Formula:** C10H13BrClNO3Si  
**SMILES:** C[Si](C)(CBr)OCc1cc(Cl)ccc1[N+](=O)[O-]  
**Mol. weight [g/mol]:** 338.66

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.60   |      | Crippen Method |
| logp          | 3.904   |      | Crippen Method |
| rinpol        | 1995.00 |      | NIST Webbook   |
| rinpol        | 1995.00 |      | 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=U376122&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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