

# 5-Chloro-2-nitrobenzyl alcohol, chloromethyldimethylsilyl ether

**Inchi:** InChI=1S/C10H13Cl2NO3Si/c1-17(2,7-11)16-6-8-5-9(12)3-4-10(8)13(14)15/h3-5H,6-7H2  
**InchiKey:** PTPJYIVEOUEXHT-UHFFFAOYSA-N  
**Formula:** C10H13Cl2NO3Si  
**SMILES:** C[Si](C)(CCl)OCc1cc(Cl)ccc1[N+](=O)[O-]  
**Mol. weight [g/mol]:** 294.21

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.32		Crippen Method
logp	3.748		Crippen Method
rinpol	1908.00		NIST Webbook
rinpol	1908.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U376125&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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