

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

**Inchi:** InChI=1S/C16H18ClNO3Si/c1-22(2,12-13-6-4-3-5-7-13)21-11-14-10-15(17)8-9-16(14)18  
**InchiKey:** ZMWLUDIJFMGBKC-UHFFFAOYSA-N  
**Formula:** C16H18ClNO3Si  
**SMILES:** C[Si](C)(Cc1cccc1)OCc1cc(Cl)ccc1[N+](=O)[O-]  
**Mol. weight [g/mol]:** 335.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.78		Crippen Method
logp	4.752		Crippen Method
rinpol	2305.00		NIST Webbook
rinpol	2305.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376123&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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