

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

**Inchi:** InChI=1S/C10H13Cl2NO3Si/c1-17(2,7-11)16-6-8-4-3-5-9(12)10(8)13(14)15/h3-5H,6-7H2  
**InchiKey:** VWWONVJUNFLXMY-UHFFFAOYSA-N  
**Formula:** C10H13Cl2NO3Si  
**SMILES:** C[Si](C)(CCl)OCc1cccc(Cl)c1[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	1887.00		NIST Webbook
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## 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=U376113&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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