

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

**Inchi:** InChI=1S/C10H13BrFNO3Si/c1-17(2,7-11)16-6-8-5-9(13(14)15)3-4-10(8)12/h3-5H,6-7H2  
**InchiKey:** AHJZDHSLKVWYDM-UHFFFAOYSA-N  
**Formula:** C10H13BrFNO3Si  
**SMILES:** C[Si](C)(CBr)OCc1cc([N+](=O)[O-])ccc1F  
**Mol. weight [g/mol]:** 322.20

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.25		Crippen Method
logp	3.390		Crippen Method
rinpol	1890.00		NIST Webbook
rinpol	1890.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376133&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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