

4-Chloro-3-nitrobenzyl alcohol, benzyldimethylsilyl ether

Inchi: InChI=1S/C16H18ClNO3Si/c1-22(2,12-13-6-4-3-5-7-13)21-11-14-8-9-15(17)16(10-14)18
InchiKey: BJZLBEOEQMDMFR-UHFFFAOYSA-N
Formula: C16H18ClNO3Si
SMILES: C[Si](C)(Cc1cccc1)OCc1ccc(Cl)c([N+](=O)[O-])c1
Mol. weight [g/mol]: 335.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.78		Crippen Method
logp	4.752		Crippen Method
rinpol	2411.00		NIST Webbook
rinpol	2411.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376119&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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<https://www.chemeo.com/cid/115-670-0/4-Chloro-3-nitrobenzyl-alcohol-benzyldimethylsilyl-ether.pdf>

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