

4-Chloro-2-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)10-16(14)18
InchiKey: HQQCADDRSBEHHZ-UHFFFAOYSA-N
Formula: C16H18ClNO3Si
SMILES: C[Si](C)(Cc1cccc1)OCc1ccc(Cl)cc1[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
rinsol	2306.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376115&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/66-603-9/4-Chloro-2-nitrobenzyl-alcohol-benzyldimethylsilyl-ether.pdf>

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