

3-Chloro-2-nitrobenzyl alcohol, benzyldimethylsilyl ether

Inchi: InChI=1S/C16H18ClNO3Si/c1-22(2,12-13-7-4-3-5-8-13)21-11-14-9-6-10-15(17)16(14)18
InchiKey: WRPMFZHIEJDPED-UHFFFAOYSA-N
Formula: C16H18ClNO3Si
SMILES: C[Si](C)(Cc1cccc1)OCc1ccc(Cl)c1[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	2296.00		NIST Webbook
rinpol	2296.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376111&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/64-208-0/3-Chloro-2-nitrobenzyl-alcohol-benzyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-19 20:19:12.474428538 +0000 UTC m=+15847201.395005849.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.