3-Methyl-2-nitrobenzyl alcohol, benzyldimethylsilyl ether

Inchi: InChI=1S/C17H21NO3Si/c1-14-8-7-11-16(17(14)18(19)20)12-21-22(2,3)13-15-9-5-4-6-1

InchiKey: WIVUXBWVTUXHHK-UHFFFAOYSA-N

Formula: C17H21NO3Si

SMILES: Cc1cccc(CO[Si](C)(C)Cc2ccccc2)c1[N+](=O)[O-]

Mol. weight [g/mol]: 315.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.57		Crippen Method
logp	4.407		Crippen Method
rinpol	2201.00		NIST Webbook
rinpol	2201.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U376181&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices