DL-3-Methyl-2-butanol, benzyldimethylsilyl ether

Inchi: InChI=1S/C14H24OSi/c1-12(2)13(3)15-16(4,5)11-14-9-7-6-8-10-14/h6-10,12-13H,11H2,1

InchiKey: JEAIFJQUXKVYCK-UHFFFAOYSA-N

Formula: C14H24OSi

SMILES: CC(C)C(C)O[Si](C)(C)Cc1ccccc1

Mol. weight [g/mol]: 236.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.88		Crippen Method
logp	4.034		Crippen Method
rinpol	1433.00		NIST Webbook
rinpol	1442.00		NIST Webbook
rinpol	1433.00		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=U375559&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices