2,4-Dimethyl-3-pentanol, benzyldimethylsilyl ether

Inchi: InChI=1S/C16H28OSi/c1-13(2)16(14(3)4)17-18(5,6)12-15-10-8-7-9-11-15/h7-11,13-14,1

InchiKey: FUVFMIRVQTXCGB-UHFFFAOYSA-N

Formula: C16H28OSi

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

Mol. weight [g/mol]: 264.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.48		Crippen Method
logp	4.671		Crippen Method
rinpol	1615.00		NIST Webbook
rinpol	1615.00		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=U375653&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices