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

Inchi: InChI=1S/C16H28OSi/c1-7-15(16(2,3)4)17-18(5,6)13-14-11-9-8-10-12-14/h8-12,15H,7,1

InchiKey: ZAMPIYXBNXZYIS-UHFFFAOYSA-N

Formula: C16H28OSi

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

Mol. weight [g/mol]: 264.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.72		Crippen Method
logp	4.815		Crippen Method
rinpol	1604.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U376050&Units=SI

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices