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

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

InchiKey: OAPBJXRQIXOSBH-UHFFFAOYSA-N

Formula: C16H28OSi

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

Mol. weight [g/mol]: 264.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.72		Crippen Method
logp	4.815		Crippen Method
rinpol	1579.00		NIST Webbook
rinpol	1579.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U376053&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