

4-Methyl-2-pentanol, benzyldimethylsilyl ether

Inchi: InChI=1S/C15H26OSi/c1-13(2)11-14(3)16-17(4,5)12-15-9-7-6-8-10-15/h6-10,13-14H,11-12H2
InchiKey: KZCHGNNKWMUZEX-UHFFFAOYSA-N
Formula: C15H26OSi
SMILES: CC(C)CC(C)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 250.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.30		Crippen Method
logp	4.425		Crippen Method
rinpol	1504.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375672&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/47-350-1/4-Methyl-2-pentanol-benzyldimethylsilyl-ether.pdf>

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