2-Methyl-3-pentanol, tert-butyldimethylsilyl ether

Other names: 2-Methyl-3-pentanol, tbdms derivative
Inchi: InChI=1S/C12H28OSi/c1-9-11(10(2)3)13-14(7,8)12(4,5)6/h10-11H,9H2,1-8H3
InchiKey: FOWZKWCWZPIJDV-UHFFFAOYSA-N
Formula: C12H28OSi
SMILES: CCC(O[Si](C)(C)C(C)(C)C)C(C)C
Mol. weight [g/mol]: 216.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.85		Crippen Method
logp	4.443		Crippen Method
rinpol	1133.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333316&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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