dl-3-Methyl-2-butanol, tert-butyldimethylsilyl ether

Other names: 3-Methyl-2-butanol, tbdms derivative
Inchi: InChI=1S/C11H26OSi/c1-9(2)10(3)12-13(7,8)11(4,5)6/h9-10H,1-8H3
InchiKey: WGFVINWONVITGE-UHFFFAOYSA-N
Formula: C11H26OSi
SMILES: CC(C)C(C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 202.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.44		Crippen Method
logp	4.053		Crippen Method
rinpol	1031.40		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=U333062&Units=SI

Legend

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