1-Octen-3-ol, tert-butyldimethylsilyl ether

Other names: 1-Octen-3-ol, tbdms derivative
Inchi: InChI=1S/C14H30OSi/c1-8-10-11-12-13(9-2)15-16(6,7)14(3,4)5/h9,13H,2,8,10-12H2,1,3-
InchiKey: QZKXSJVWDCNSNN-UHFFFAOYSA-N
Formula: C14H30OSi
SMILES: C=CC(CCCCC)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 242.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.79		Crippen Method
logp	5.143		Crippen Method
rinpol	1289.20		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=U352754&Units=SI

Legend

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