3-Buten-2-ol, tert-butyldimethylsilyl ether

Other names: 3-Buten-2-ol, tbdms derivative
Inchi: InChI=1S/C10H22OSi/c1-8-9(2)11-12(6,7)10(3,4)5/h8-9H,1H2,2-7H3
InchiKey: VAOGBZQGOFYUSV-UHFFFAOYSA-N
Formula: C10H22OSi
SMILES: C=CC(C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 186.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.11		Crippen Method
logp	3.583		Crippen Method
rinpol	935.80		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=U352688&Units=SI

Legend

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