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

Other names: 3-Buten-1-ol, tbdms derivative
Inchi: InChI=1S/C10H22OSi/c1-7-8-9-11-12(5,6)10(2,3)4/h7H,1,8-9H2,2-6H3
InchiKey: SQEJDOVXJLMAJA-UHFFFAOYSA-N
Formula: C10H22OSi
SMILES: C=CCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 186.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.00		Crippen Method
logp	3.584		Crippen Method
rinpol	1030.00		NIST Webbook
rinpol	1030.00		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=U333029&Units=SI

Legend

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