2-Butene-1,4-diol, tert-butyldimethylsilyl ether

Other names: 2-Butene-1,4-diol, tbdms derivative
Inchi: InChI=1S/C10H22O2Si/c1-10(2,3)13(4,5)12-9-7-6-8-11/h6-7,11H,8-9H2,1-5H3/b7-6+
InchiKey: PTURWRRIBNABTN-VOTSOKGWSA-N
Formula: C10H22O2Si
SMILES: CC(C)(C)[Si](C)(C)OCC=CCO
Mol. weight [g/mol]: 202.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.26		Crippen Method
logp	2.557		Crippen Method
rinpol	1289.80		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352694&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