2-Butene-1,4-diol, trimethylsilyl ether

Other names: 2-Butene-1,4-diol, tms derivative
Inchi: InChI=1S/C7H16O2Si/c1-10(2,3)9-7-5-4-6-8/h4-5,8H,6-7H2,1-3H3/b5-4+
InchiKey: VLZHDKBZADCWHN-SNAWJCMRSA-N
Formula: C7H16O2Si
SMILES: C[Si](C)(C)OCC=CCO
Mol. weight [g/mol]: 160.29

Physical Properties

Property code	Value	Unit	Source
log10ws	0.99		Crippen Method
logp	1.386		Crippen Method
rinpol	1067.50		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352695&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