3-Methyl-1-butanol, bromomethyldimethylsilyl ether

Inchi: InChI=1S/C8H19BrOSi/c1-8(2)5-6-10-11(3,4)7-9/h8H,5-7H2,1-4H3
InchiKey: MBHBZRIZGCFNBO-UHFFFAOYSA-N
Formula: C8H19BrOSi
SMILES: CC(C)CCO[Si](C)(C)CBr
Mol. weight [g/mol]: 239.22

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.59		Crippen Method
logp	3.188		Crippen Method
rinpol	1165.00		NIST Webbook
rinpol	1165.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375573&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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