

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/ci990307I

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/97-097-8/3-Methyl-1-butanol-bromomethyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-23 15:52:46.00366698 +0000 UTC m=+16176814.924244302.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.