

4-(2-Hydroxyethyl)-2,2-dimethyl-1,3-dioxolane, bromomethyldimethylsilyl ether

Inchi:	InChI=1S/C10H21BrO3Si/c1-10(2)12-7-9(14-10)5-6-13-15(3,4)8-11/h9H,5-8H2,1-4H3
InchiKey:	UDDJHZCCYGTMCS-UHFFFAOYSA-N
Formula:	C10H21BrO3Si
SMILES:	CC1(C)OCC(CCO[Si](C)(C)CBr)O1
Mol. weight [g/mol]:	297.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.45		Crippen Method
logp	2.684		Crippen Method
rinpol	1500.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U376046&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/76-838-8/4-2-Hydroxyethyl-2-2-dimethyl-1-3-dioxolane-bromomethyldimethylsilyl-ether.](https://www.chemeo.com/cid/76-838-8/4-2-Hydroxyethyl-2-2-dimethyl-1-3-dioxolane-bromomethyldimethylsilyl-ether)

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