

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

<b>Other names:</b>	2-Butene-1,4-diol, tbdms derivative
<b>Inchi:</b>	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+
<b>InchiKey:</b>	PTURWRRIBNABTN-VOTSOKGWSA-N
<b>Formula:</b>	C10H22O2Si
<b>SMILES:</b>	CC(C)(C)[Si](C)(C)OCC=CCO
<b>Mol. weight [g/mol]:</b>	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

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U352694&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352694&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

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

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