

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

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

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U352695&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352695&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.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.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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