

# 3-Buten-1-ol, tert-butyldimethylsilyl ether

<b>Other names:</b>	3-Buten-1-ol, tbdms derivative
<b>Inchi:</b>	InChI=1S/C10H22OSi/c1-7-8-9-11-12(5,6)10(2,3)4/h7H,1,8-9H2,2-6H3
<b>InchiKey:</b>	SQEJDOVXJLMAJA-UHFFFAOYSA-N
<b>Formula:</b>	C10H22OSi
<b>SMILES:</b>	C=CCCO[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	186.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.00		Crippen Method
logp	3.584		Crippen Method
rinpol	1030.00		NIST Webbook
rinpol	1030.00		NIST Webbook

## Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333029&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333029&amp;Units=SI</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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