

# Borneol, tert-butyldimethylsilyl ether

<b>Other names:</b>	tert-Butyl(dimethyl)[(1,7,7-trimethylbicyclo[2.2.1]hept-2-yl)oxy]silane Borneol, tbdms derivative
<b>Inchi:</b>	InChI=1S/C16H32OSi/c1-14(2,3)18(7,8)17-13-11-12-9-10-16(13,6)15(12,4)5/h12-13H,9-
<b>InchiKey:</b>	ZORATVMHRPDTTCQ-UHFFFAOYSA-N
<b>Formula:</b>	C16H32OSi
<b>SMILES:</b>	CC1(C)C2CCC1(C)C(O[Si](C)(C)C(C)(C)C)C2
<b>Mol. weight [g/mol]:</b>	268.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.83		Crippen Method
logp	5.223		Crippen Method
rinpol	1464.40		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=U333027&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333027&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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