

# Guaiacol, tert-butyldimethylsilyl ether

<b>Other names:</b>	Guaiacol, tbdms derivative
<b>Inchi:</b>	InChI=1S/C13H22O2Si/c1-13(2,3)16(5,6)15-12-10-8-7-9-11(12)14-4/h7-10H,1-6H3
<b>InchiKey:</b>	PUOZJZXUPFEFNR-UHFFFAOYSA-N
<b>Formula:</b>	C13H22O2Si
<b>SMILES:</b>	COc1ccccc1O[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	238.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.85		Crippen Method
logp	4.079		Crippen Method
rinpol	1462.00		NIST Webbook

## Sources

<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=U333460&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333460&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>

## 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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<https://www.chemeo.com/cid/49-178-1/Guaiacol-tert-butyldimethylsilyl-ether.pdf>

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