

# 4-tert-Butylcatechol, bis(trimethylsilyl) ether

<b>Other names:</b>	4-Tert-butylcatechol, 2tms derivative
<b>Inchi:</b>	InChI=1S/C16H30O2Si2/c1-16(2,3)13-10-11-14(17-19(4,5)6)15(12-13)18-20(7,8)9/h10-1
<b>InchiKey:</b>	GIMWQRDOEZKQPD-UHFFFAOYSA-N
<b>Formula:</b>	C16H30O2Si2
<b>SMILES:</b>	CC(C)(C)c1ccc(O[Si](C)(C)C)c(O[Si](C)(C)C)c1
<b>Mol. weight [g/mol]:</b>	310.58

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.80		Crippen Method
logp	5.412		Crippen Method
rinpol	1534.90		NIST Webbook
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## 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=U352799&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352799&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/16-011-1/4-tert-Butylcatechol-bis-trimethylsilyl-ether.pdf>

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