

# trans-Tetralin-2,3-diol, bis-TMS

<b>Inchi:</b>	InChI=1S/C16H28O2Si2/c1-19(2,3)17-15-11-13-9-7-8-10-14(13)12-16(15)18-20(4,5)6/h7
<b>InchiKey:</b>	RGPSPCYFOLMCRV-HZPDHXFCSA-N
<b>Formula:</b>	C16H28O2Si2
<b>SMILES:</b>	C[Si](C)(C)OC1Cc2ccccc2CC1O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	308.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.02		Crippen Method
logp	4.225		Crippen Method
rinpol	1675.00		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=R109945&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R109945&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/52-962-6/trans-Tetralin-2-3-diol-bis-TMS.pdf>

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