

# (-)-Isolongifolol, trimethylsilyl ether

<b>Other names:</b>	Trimethyl[(4,8,8-trimethyldecahydro-1,4-methanoazulen-9-yl)methoxy]silane (-)-Isolongifolol, tms derivative
<b>Inchi:</b>	InChI=1S/C18H34OSi/c1-17(2)10-7-11-18(3)14-9-8-13(16(14)17)15(18)12-19-20(4,5)6/h
<b>InchiKey:</b>	DNSGTPQSWXBXQY-UHFFFAOYSA-N
<b>Formula:</b>	C18H34OSi
<b>SMILES:</b>	CC1(C)CCCC2(C)C(CO[Si](C)(C)C)C3CCC2C31
<b>Mol. weight [g/mol]:</b>	294.55

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.73		Crippen Method
logp	5.327		Crippen Method
rinpola	1759.40		NIST Webbook
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## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333041&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333041&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>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpola:</b>	Non-polar retention indices

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<https://www.chemeo.com/cid/88-970-8/Isolongifolol-trimethylsilyl-ether.pdf>

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