

# 1-Tetrahydrocannabinol, 7-hydroxy, TMS

<b>Inchi:</b>	InChI=1S/C27H46O3Si2/c1-11-12-13-14-20-17-22-25(23(18-20)29-31(5,6)7)21-15-19(2)
<b>InchiKey:</b>	HWIYUGYYOJLCBX-WLFMUHKCSA-N
<b>Formula:</b>	C27H46O3Si2
<b>SMILES:</b>	CCCCC1cc2c(c(O[Si](C)(C)C)c1)C1C=C(C)CC(O[Si](C)(C)C)C1C(C)(C)O2
<b>Mol. weight [g/mol]:</b>	474.82

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.37		Crippen Method
logp	8.074		Crippen Method
rinpol	2616.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R525996&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R525996&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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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>rinpol:</b>	Non-polar retention indices

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