

# Tetrahydrocortisone, tris-TMS

<b>Other names:</b>	Tetrahydrocortisone, TMS
<b>Inchi:</b>	InChI=1S/C30H56O5Si3/c1-28-16-14-22(34-37(6,7)8)18-21(28)12-13-23-24-15-17-30(35)
<b>InchiKey:</b>	FORSCCWAZIBFHA-IPTVDUCKSA-N
<b>Formula:</b>	C30H56O5Si3
<b>SMILES:</b>	CC12CCC(O[Si](C)(C)C)CC1CCC1C2C(=O)CC2(C)C1CCC2(O[Si](C)(C)C)C(=O)CO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	581.02

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.71		Crippen Method
logp	7.439		Crippen Method
rinpola	3092.00		NIST Webbook
rinpola	3109.00		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=R16705&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R16705&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</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/38-739-0/Tetrahydrocortisone-tris-TMS.pdf>

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