

# Tetrahydrocortisone, MO TMS

**Inchi:** InChI=1S/C34H65NO5Si3/c1-32-19-16-27(39-42(8,9)10)22-25(32)14-15-28-29-17-20-34  
**InchiKey:** GRVNROAHMORDEY-FRQQKDSMSA-N  
**Formula:** C34H65NO5Si3  
**SMILES:** COC=C(CCO[Si](C)(C)C)C1(O[Si](C)(C)C)CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3O  
**Mol. weight [g/mol]:** 652.14

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.50		Crippen Method
logp	9.224		Crippen Method
rinpol	2982.00		NIST Webbook
rinpol	2965.00		NIST Webbook
rinpol	3016.00		NIST Webbook
rinpol	2982.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R485620&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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<https://www.chemeo.com/cid/37-350-2/Tetrahydrocortisone-MO-TMS.pdf>

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