

# Tetrahydrocortisol, MO-tetra-TMS

**Inchi:** InChI=1S/C34H69NO5Si4/c1-32-20-18-26(38-42(7,8)9)22-25(32)16-17-27-28-19-21-34(4)  
**InchiKey:** WZZDCZPDFSSOIG-HJDLJERCSA-N  
**Formula:** C34H69NO5Si4  
**SMILES:** CON=C(CO[Si](C)(C)C)C1(O[Si](C)(C)C)CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3C  
**Mol. weight [g/mol]:** 684.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.31		Crippen Method
logp	9.523		Crippen Method
rinpol	2725.00		NIST Webbook
rinpol	2725.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R558124&Units=SI>  
**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)

## 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/62-827-5/Tetrahydrocortisol-MO-tetra-TMS.pdf>

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