

# Tetrahydrocorticosterone, EO-TMS # 1

**Inchi:** InChI=1S/C32H63NO4Si3/c1-13-34-33-28(22-35-38(4,5)6)27-17-16-26-25-15-14-23-20-2  
**InchiKey:** PZZJZTGGSDVDCQ-RZQDPEEPSA-N  
**Formula:** C32H63NO4Si3  
**SMILES:** CCON=C(CO[Si](C)(C)C)C1CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3C(O[Si](C)(C)C)C  
**Mol. weight [g/mol]:** 610.10

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.98		Crippen Method
logp	8.939		Crippen Method
rinpol	3046.00		NIST Webbook

## Sources

**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=R527576&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/16-310-9/Tetrahydrocorticosterone-EO-TMS-1.pdf>

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