

# Corticosterone, tetra-TMS

**Inchi:** InChI=1S/C33H62O4Si4/c1-32-20-19-25(35-39(6,7)8)21-24(32)15-16-26-27-17-18-28(30)  
**InchiKey:** HLTCGJIZJUCBEY-BJTXQZDFSA-N  
**Formula:** C33H62O4Si4  
**SMILES:** CC12CC(O[Si](C)(C)C)C3C(CCC4=CC(O[Si](C)(C)C)=CCC43C)C1CCC2=C(CO[Si](C)(C)C)C2  
**Mol. weight [g/mol]:** 635.18

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.22		Crippen Method
logp	10.082		Crippen Method
rinpol	3310.00		NIST Webbook
rinpol	3310.00		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=R557978&Units=SI>

## 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/122-492-0/Corticosterone-tetra-TMS.pdf>

Generated by Cheméo on 2024-04-25 05:14:18.520296826 +0000 UTC m=+16311307.440874142.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.