

# Corticosterone enol-TMS

**Inchi:** InChI=1S/C30H54O4Si3/c1-29-17-16-22(33-36(6,7)8)18-21(29)12-13-23-24-14-15-25(26)  
**InchiKey:** KGJPQBTYGOCNLA-JCYKWPLVSA-N  
**Formula:** C30H54O4Si3  
**SMILES:** CC12CC=C(O[Si](C)(C)C)C=C1CCC1C2C(O[Si](C)(C)C)CC2(C)C(C(=O)CO[Si](C)(C)C)  
**Mol. weight [g/mol]:** 563.00

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.52		Crippen Method
logp	8.161		Crippen Method
rinpol	3279.00		NIST Webbook
rinpol	3279.00		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=R384062&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/55-940-7/Corticosterone-enol-TMS.pdf>

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