

# Prednisone, bis-MO-bis-TMS, anti

**Inchi:** InChI=1S/C29H48N2O5Si2/c1-27-15-13-21(30-33-3)17-20(27)11-12-22-23-14-16-29(36-37-38-39)/n1-2/m1  
**InchiKey:** CFFYDAOQAVFLSY-BCOJFYKYSA-N  
**Formula:** C<sub>29</sub>H<sub>48</sub>N<sub>2</sub>O<sub>5</sub>Si<sub>2</sub>  
**SMILES:** CON=C1C=CC2(C)C(=C1)CCC1C2C(=NOC)CC2(C)C1CCC2(O[Si](C)(C)C)C(=O)CO[S  
**Mol. weight [g/mol]:** 560.87

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.19		Crippen Method
logp	6.351		Crippen Method
rinpol	2886.00		NIST Webbook
rinpol	2886.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R558095&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/114-004-0/Prednisone-bis-MO-bis-TMS-anti.pdf>

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