

# 1,2,4,5-Tetrahydroprednisone, MO TMS

**Inchi:** InChI=1S/C29H52N2O5Si2/c1-27-15-13-21(30-33-3)17-20(27)11-12-22-23-14-16-29(36-37-38-39)/n1-2/p1  
**InchiKey:** OQZJHDYUZGNUNX-OEQAGOLZSA-N  
**Formula:** C29H52N2O5Si2  
**SMILES:** CON=C1CCC2(C)C(CCC3C2C(=NOC)CC2(C)C3CCC2(O[Si](C)(C)C)C(=O)CO[Si](C)(C)C  
**Mol. weight [g/mol]:** 564.90

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.24		Crippen Method
logp	6.655		Crippen Method
rinpol	3104.00		NIST Webbook
rinpol	3104.00		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=R318911&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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