

# 6-«beta»-Hydrohydroprednisolone, MO TMS

**Inchi:** InChI=1S/C39H78N2O6Si6/c1-37-23-21-29(40-46-52(15,16)17)25-32(37)33(43-49(6,7)8)  
**InchiKey:** TWASIRPNOCCOTG-QXCLRNXNISA-N  
**Formula:** C39H78N2O6Si6  
**SMILES:** CC12C=CC(=NO[Si](C)(C)C)C=C1C(O[Si](C)(C)C)CC1C2C(O[Si](C)(C)C)CC2(C)C1CC  
**Mol. weight [g/mol]:** 839.56

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 2.30    |      | Crippen Method |
| logp          | 11.242  |      | Crippen Method |
| rinpol        | 3300.00 |      | 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=R66152&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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