

# Dexamethasone, 6-hydroxy, MO TMS

**Inchi:** InChI=1S/C36H67FN2O6Si4/c1-25-20-27-28-22-30(43-47(9,10)11)29-21-26(38-40-4)18-  
**InchiKey:** JHALLVFASCKHQB-HHYGYCQMSA-N  
**Formula:** C36H67FN2O6Si4  
**SMILES:** CON=C1C=CC2(C)C(=C1)C(O[Si](C)(C)C)CC1C3CC(C)C(O[Si](C)(C)C)(C(CO[Si](C)(C)C)  
**Mol. weight [g/mol]:** 755.27

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.31		Crippen Method
logp	9.170		Crippen Method
rinpol	3363.00		NIST Webbook
rinpol	3386.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R44067&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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.cheméo.com/cid/35-718-6/Dexamethasone-6-hydroxy-MO-TMS.pdf>

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