

# Methyltestosterone (Androst-4-en-17A-methyl-17B-ol-3-one), TMS

**Inchi:** InChI=1S/C26H46O2Si2/c1-24-15-12-20(27-29(4,5)6)18-19(24)10-11-21-22(24)13-16-25  
**InchiKey:** IYXWCTMLWBXDAX-QVIYTQOKSA-N  
**Formula:** C<sub>26</sub>H<sub>46</sub>O<sub>2</sub>Si<sub>2</sub>  
**SMILES:** CC12CC=C(O[Si](C)(C)C)C=C1CCC1C2CCC2(C)C1CCC2(C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 446.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.67		Crippen Method
logp	7.905		Crippen Method
rinpol	2791.00		NIST Webbook
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## 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=R585636&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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