

# Androsterone, TMIPSi (3-O)

**Inchi:** InChI=1S/C26H44O2Si/c1-18(2)29(15-5-6-16-29)28-20-11-13-25(3)19(17-20)7-8-21-22-9  
**InchiKey:** XAFNQUHGKKZCAP-IYVWQPIOSA-N  
**Formula:** C26H44O2Si  
**SMILES:** CC(C)[Si]1(OC2CCC3(C)C(CCC4C5CCC(=O)C5(C)CCC43)C2)CCCC1  
**Mol. weight [g/mol]:** 416.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.26		Crippen Method
logp	7.133		Crippen Method
rinpol	2976.00		NIST Webbook
rinpol	3031.00		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=R144517&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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<https://www.chemeo.com/cid/37-692-3/Androsterone-TMIPSi-3-O.pdf>

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