

# Androsterone, MO-TBDMS

**Inchi:** InChI=1S/C26H47NO2Si/c1-24(2,3)30(7,8)29-19-13-15-25(4)18(17-19)9-10-20-21-11-12  
**InchiKey:** ATAVHXFPXLCEHX-VOPCBGRQSA-N  
**Formula:** C26H47NO2Si  
**SMILES:** CON=C1CCC2C3CCC4CC(O[Si](C)(C)C(C)(C)C)CCC4(C)C3CCC12C  
**Mol. weight [g/mol]:** 433.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.33		Crippen Method
logp	7.422		Crippen Method
rinpol	2805.00		NIST Webbook
rinpol	2805.00		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=R594388&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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