

# 5-Androsten-3-«alpha»-ol-17-one, TMS

**Inchi:** InChI=1S/C22H36O2Si/c1-21-12-10-16(24-25(3,4)5)14-15(21)6-7-17-18-8-9-20(23)22(18)  
**InchiKey:** BVHPVDOXVFBYNL-YCRZXELKSA-N  
**Formula:** C22H36O2Si  
**SMILES:** CC12CCC3C(CC=C4CC(O[Si](C)(C)C)CCC43C)C1CCC2=O  
**Mol. weight [g/mol]:** 360.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.79		Crippen Method
logp	5.738		Crippen Method
rinpol	2523.00		NIST Webbook
rinpol	2523.00		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=R394193&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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