

# 5-«alpha»-Androstan-3-«alpha»-ol, TMS

**Inchi:** InChI=1S/C22H40OSi/c1-21-12-6-7-19(21)18-9-8-16-15-17(23-24(3,4)5)10-14-22(16,2)2  
**InchiKey:** XQQDDEIBTCOQHD-TVUKYMPLSA-N  
**Formula:** C22H40OSi  
**SMILES:** CC12CCCC1C1CCC3CC(O[Si](C)(C)C)CCC3(C)C1CC2  
**Mol. weight [g/mol]:** 348.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.41		Crippen Method
logp	6.639		Crippen Method
rinpol	2210.00		NIST Webbook

## 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=R149696&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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