

# 17«alpha»-hydroxy-5«beta»-androstan-3-one (2-enol), per-TMS

**Inchi:** InChI=1S/C25H46O2Si2/c1-24-15-13-19(26-28(3,4)5)17-18(24)9-10-20-21-11-12-23(27-  
**InchiKey:** QXTVKDCDCWLKJJ-YKCSPUMHSA-N  
**Formula:** C<sub>25</sub>H<sub>46</sub>O<sub>2</sub>Si<sub>2</sub>  
**SMILES:** CC12CC=C(O[Si](C)(C)C)CC1CCC1C2CCC2(C)C(O[Si](C)(C)C)CCC12  
**Mol. weight [g/mol]:** 434.80

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.15		Crippen Method
logp	7.594		Crippen Method
rinpol	2405.00		NIST Webbook
rinpol	2470.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R518359&Units=SI>  
**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)

## Legend

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

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