

# 5«alpha»-Androstan-3,17-dione, 3,17-bis(trimethylsilyl) enol ether

**Other names:** 5A-Androstanedione (5A-Androstan-3,17-dione), TMS  
**Inchi:** InChI=1S/C25H44O2Si2/c1-24-15-13-19(26-28(3,4)5)17-18(24)9-10-20-21-11-12-23(27-28)25  
**InchiKey:** RJIVKCCIVQDMHQ-UHFFFAOYSA-N  
**Formula:** C<sub>25</sub>H<sub>44</sub>O<sub>2</sub>Si<sub>2</sub>  
**SMILES:** CC12CCC3C(CCC4CC(O[Si](C)(C)C)=CCC43C)C1CC=C2O[Si](C)(C)C  
**Mol. weight [g/mol]:** 432.79

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.39		Crippen Method
logp	7.720		Crippen Method
rinpol	2645.00		NIST Webbook
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U308778&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>  
**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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