

# 5«alpha»-Androst-1-ene-3,17-dione, per-TMS

**Inchi:** InChI=1S/C25H42O2Si2/c1-24-15-13-19(26-28(3,4)5)17-18(24)9-10-20-21-11-12-23(27-  
**InchiKey:** ZFBDRIJKKXGAOU-OOTJLFDSSA-N  
**Formula:** C25H42O2Si2  
**SMILES:** CC12CCC3C(CCC4C=C(O[Si](C)(C)C)C=CC43C)C1CC=C2O[Si](C)(C)C  
**Mol. weight [g/mol]:** 430.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.24		Crippen Method
logp	7.496		Crippen Method
rinpol	2643.00		NIST Webbook
rinpol	2643.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R518537&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

Latest version available from:

<https://www.cheméo.com/cid/37-595-1/5-alpha-Androst-1-ene-3-17-dione-per-TMS.pdf>

Generated by Cheméo on 2023-12-07 01:24:12.983314735 +0000 UTC m=+4201501.903892047.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.