

# 5«beta»-Androstan-3«alpha»-ol-17-one, allyl-DMS

**Inchi:** InChI=1S/C29H50O2Si2/c1-9-19-32(5,6)30-23-15-17-28(3)22(21-23)11-12-24-25-13-14-  
**InchiKey:** VRULWPUWUNLLTM-GWUAQBIWSA-N  
**Formula:** C29H50O2Si2  
**SMILES:** C=CC[Si](C)(C)OC1=CCC2C3CCC4CC(O[Si](C)(C)CC=C)CCC4(C)C3CCC12C  
**Mol. weight [g/mol]:** 486.88

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.53		Crippen Method
logp	8.707		Crippen Method
rinpol	2668.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R526177&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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