

Androst-1,4-dien-17«alpha»-methyl-6«beta»,17«beta»-diol-3-one, TMS

Other names:	Oxymesterone, TMS
TMS	Anrost-4-en-17«alpha»-methyl-4,17«beta»-diol-3-one, TMS
Inchi:	InChI=1S/C30H54O2Si2/c1-28(2,3)20-29(4)18-17-25-23-12-13-24-21(22(23)16-19-30(25)26)31
InchiKey:	GNTHUINSXJCIGU-WCCHIDAPSA-N
Formula:	C30H54O2Si2
SMILES:	CC(C)(C)CC1(C)CCC2C3CCC4=C(O[Si](C)(C)C)C(O[Si](C)(C)C)=CCC4C3CCC21C
Mol. weight [g/mol]:	502.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.24		Crippen Method
logp	9.526		Crippen Method
rinpol	2951.00		NIST Webbook
rinpol	2984.00		NIST Webbook
rinpol	2951.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R55113&Units=SI

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.chemeo.com/cid/23-852-0/Androst-1-4-dien-17-alpha-methyl-6-beta-17-beta-diol-3-one-TMS.pdf>

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