

trans-Androsterone, tert-butyldimethylsilyl ether

Other names:	Androsterone, (e)-, tbdms derivative
Inchi:	InChI=1S/C25H44O2Si/c1-23(2,3)28(6,7)27-18-12-14-24(4)17(16-18)8-9-19-20-10-11-22
InchiKey:	UGWVQACEZWDYMD-UHFFFAOYSA-N
Formula:	C25H44O2Si
SMILES:	CC12CCC3C(CCC4CC(O[Si](C)(C)C(C)(C)C)CCC43C)C1CCC2=O
Mol. weight [g/mol]:	404.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.95		Crippen Method
logp	6.989		Crippen Method
rinsol	2904.50		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C65598734&Units=SI

Legend

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

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<https://www.cheméo.com/cid/65-030-6/trans-Androsterone-tert-butyldimethylsilyl-ether.pdf>

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