Testosterone (Androst-4-en-17B-ol-3-one), 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-

InchiKey: OGAHQMPXQGCDNO-VRVGQERDSA-N

Formula: C25H44O2Si2

SMILES: CC12CC=C(O[Si](C)(C)C)C=C1CCC1C2CCC2(C)C(O[Si](C)(C)C)CCC12

Mol. weight [g/mol]: 432.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.25		Crippen Method
logp	7.515		Crippen Method
rinpol	2696.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R585705&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	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

Latest version available from:

https://www.chemeo.com/cid/22-904-3/Testosterone-Androst-4-en-17B-ol-3-one-TMS.pdf

Generated by Cheméo on 2025-12-19 07:24:01.328228572 +0000 UTC m=+5877238.858269227.

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