

Androst-4-en-3-one, 17-[(trimethylsilyl)oxy]-, O-methyloxime, (17«beta»)-

Other names:	17-[(Trimethylsilyl)oxy]androst-4-en-3-one o-methyloxime, (17«beta»)- Testosterone, O-methyloxime, TMS Testosterone, 3-MO-TMS Testosterone, 3-MO, 17-TMS Testosterone, 3-methyloxime, TMS Testosterone, MO-TMS «alpha»-Testosterone, TMS «beta»-Testosterone, MO-TMS Testosterone o-methyloxime, tms derivative
Inchi:	InChI=1S/C23H39NO2Si/c1-22-13-11-17(24-25-3)15-16(22)7-8-18-19-9-10-21(26-27(4,5
InchiKey:	SFXUCUOVEDBETC-KNFABSGCSA-N
Formula:	C23H39NO2Si
SMILES:	CON=C1C=C2CCC3C(CCC4(C)C(O[Si](C)(C)C)CCC34)C2(C)CC1
Mol. weight [g/mol]:	389.65
CAS:	56210-83-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.17		Crippen Method
logp	6.172		Crippen Method
rinpol	2634.00		NIST Webbook
rinpol	2649.00		NIST Webbook
rinpol	2670.00		NIST Webbook
rinpol	2696.00		NIST Webbook
rinpol	2712.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C56210834&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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

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