

5«beta»-Androstan-3«alpha»,11«beta»-diol-17-one (Androsterone), MO-3-mono-TMS

InChI: InChI=1S/C23H41NO3Si/c1-22-12-11-16-21-23(4-5)6)13-15(22)7-8-17-18-9-10-20(24-26)3
InChIKey: KQXABPYAZHDPLM-OQAKSAAGSA-N

Formula: C₂₃H₄₁NO₃Si
SMILES: CON=C1CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3C(O)CC12C
Mol. weight [g/mol]: 407.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.45		Crippen Method
logp	5.222		Crippen Method
rinpol	2618.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R523396&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/42-582-9/5-beta-Androstan-3-alpha-11-beta-diol-17-one-Androsterone-MO-3-mono-TM>

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