

Androsterone MO TMS

Inchi: InChI=1S/C23H41NO2Si/c1-22-13-11-17(26-27(4,5)6)15-16(22)7-8-18-19-9-10-21(24-25)23
InchiKey: OQODXBKTVOKPMR-CMPNDWCCSA-N
Formula: C23H41NO2Si
SMILES: CON=C1CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C
Mol. weight [g/mol]: 391.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.07		Crippen Method
logp	6.252		Crippen Method
rinpol	2532.00		NIST Webbook
rinpol	2510.00		NIST Webbook
rinpol	2563.00		NIST Webbook
rinpol	2528.00		NIST Webbook
rinpol	2522.00		NIST Webbook
rinpol	2501.00		NIST Webbook
rinpol	2488.00		NIST Webbook
rinpol	2530.00		NIST Webbook
rinpol	2501.00		NIST Webbook
rinpol	2541.00		NIST Webbook
rinpol	2558.00		NIST Webbook
rinpol	2570.00		NIST Webbook
rinpol	2501.00		NIST Webbook
rinpol	2558.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R92670&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

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

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