

# 17-epi-Oxandrolone

<b>Inchi:</b>	InChI=1S/C19H30O3/c1-17-11-22-16(20)10-12(17)4-5-13-14(17)6-8-18(2)15(13)7-9-19(
<b>InchiKey:</b>	QSLJIVKCVHQPLV-RSBDEUMJSA-N
<b>Formula:</b>	C19H30O3
<b>SMILES:</b>	CC12COC(=O)CC1CCC1C2CCC2(C)C1CCC2(C)O
<b>Mol. weight [g/mol]:</b>	306.44

## Physical Properties

Property code	Value	Unit	Source
gf	-93.53	kJ/mol	Joback Method
hf	-612.32	kJ/mol	Joback Method
hfus	22.90	kJ/mol	Joback Method
hvap	79.46	kJ/mol	Joback Method
log10ws	-4.14		Crippen Method
logp	3.543		Crippen Method
mcvol	248.440	ml/mol	McGowan Method
pc	1987.66	kPa	Joback Method
rinqol	2773.00		NIST Webbook
tb	856.09	K	Joback Method
tc	1094.71	K	Joback Method
tf	572.64	K	Joback Method
vc	0.925	m <sup>3</sup> /kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	904.02	J/molxK	856.09	Joback Method
cpg	931.03	J/molxK	895.86	Joback Method
cpg	958.84	J/molxK	935.63	Joback Method
cpg	987.90	J/molxK	975.40	Joback Method
cpg	1018.64	J/molxK	1015.17	Joback Method
cpg	1051.50	J/molxK	1054.94	Joback Method
cpg	1086.93	J/molxK	1094.71	Joback Method

# Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>Joback Method:</b>	<a href="https://en.wikipedia.org/wiki/Joback_method">https://en.wikipedia.org/wiki/Joback_method</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R257920&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R257920&amp;Units=SI</a>

# Legend

<b>cpg:</b>	Ideal gas heat capacity
<b>gf:</b>	Standard Gibbs free energy of formation
<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hfus:</b>	Enthalpy of fusion at standard conditions
<b>hvap:</b>	Enthalpy of vaporization at standard conditions
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mccvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpol:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature
<b>tf:</b>	Normal melting (fusion) point
<b>vc:</b>	Critical Volume

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