

# 15-nor-Prezizaan-7a-ol

<b>Inchi:</b>	InChI=1S/C14H24O/c1-9-4-5-11-13(2,3)12(15)10-6-7-14(9,11)8-10/h9-12,15H,4-8H2,1-3
<b>InchiKey:</b>	RJTVRURTSNYWOY-YWDZHIDKSA-N
<b>Formula:</b>	C14H24O
<b>SMILES:</b>	CC1CCC2C(C)(C)C(O)C3CCC12C3
<b>Mol. weight [g/mol]:</b>	208.34

## Physical Properties

Property code	Value	Unit	Source
gf	54.12	kJ/mol	Joback Method
hf	-308.98	kJ/mol	Joback Method
hfus	16.93	kJ/mol	Joback Method
hvap	60.29	kJ/mol	Joback Method
log10ws	-3.53		Crippen Method
logp	3.220		Crippen Method
mcvol	181.410	ml/mol	McGowan Method
pc	2405.28	kPa	Joback Method
rinpol	1597.00		NIST Webbook
rinpol	1597.00		NIST Webbook
tb	627.13	K	Joback Method
tc	836.42	K	Joback Method
tf	390.22	K	Joback Method
vc	0.686	m <sup>3</sup> /kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	544.87	J/mol×K	627.13	Joback Method
cpg	564.57	J/mol×K	662.01	Joback Method
cpg	583.25	J/mol×K	696.89	Joback Method
cpg	601.15	J/mol×K	731.78	Joback Method
cpg	618.50	J/mol×K	766.66	Joback Method
cpg	635.52	J/mol×K	801.54	Joback Method
cpg	652.46	J/mol×K	836.42	Joback Method

# Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R397830&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R397830&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</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>

# 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>hvp:</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>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinp:</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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