

# Junicedranol

<b>Inchi:</b>	InChI=1S/C15H26O/c1-12(2)6-5-7-14(4)13(3)8-9-15(12,14)10-11(13)16/h11,16H,5-10H2
<b>InchiKey:</b>	LKUBLENFVRHTGX-OXUNJRBLSA-N
<b>Formula:</b>	C15H26O
<b>SMILES:</b>	CC1(C)CCCC2(C)C3(C)CCC12CC3O
<b>Mol. weight [g/mol]:</b>	222.37

## Physical Properties

Property code	Value	Unit	Source
gf	59.27	kJ/mol	Joback Method
hf	-278.80	kJ/mol	Joback Method
hfus	5.85	kJ/mol	Joback Method
hvap	60.52	kJ/mol	Joback Method
log10ws	-4.19		Crippen Method
logp	3.754		Crippen Method
mcvol	195.500	ml/mol	McGowan Method
pc	2470.27	kPa	Joback Method
tb	655.16	K	Joback Method
tc	876.31	K	Joback Method
tf	453.53	K	Joback Method
vc	0.740	m3/kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	590.59	J/molxK	655.16	Joback Method
cpg	610.07	J/molxK	692.02	Joback Method
cpg	629.03	J/molxK	728.88	Joback Method
cpg	647.94	J/molxK	765.73	Joback Method
cpg	667.27	J/molxK	802.59	Joback Method
cpg	687.47	J/molxK	839.45	Joback Method
cpg	709.02	J/molxK	876.31	Joback Method

# Sources

<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=R625586&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R625586&amp;Units=SI</a>
<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>

# 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>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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