

# 12-nor-Ziza-6(13)-en-2-«beta»-yl methyl ether

<b>Inchi:</b>	InChI=1S/C15H24O/c1-10-12-5-6-13(16-4)15(12)8-7-11(9-15)14(10,2)3/h11-13H,1,5-9H
<b>InchiKey:</b>	FRZIXZUWPKLBBA-WQURKTETSA-N
<b>Formula:</b>	C15H24O
<b>SMILES:</b>	<chem>C=C1C2CCC(OC)C23CCC(C3)C1(C)C</chem>
<b>Mol. weight [g/mol]:</b>	220.35

## Physical Properties

Property code	Value	Unit	Source
gf	155.15	kJ/mol	Joback Method
hf	-205.03	kJ/mol	Joback Method
hfus	14.39	kJ/mol	Joback Method
hvap	48.72	kJ/mol	Joback Method
log10ws	-3.87		Crippen Method
logp	3.794		Crippen Method
mcvol	191.200	ml/mol	McGowan Method
pc	2081.22	kPa	Joback Method
rinpol	1552.00		NIST Webbook
tb	584.08	K	Joback Method
tc	805.50	K	Joback Method
tf	380.82	K	Joback Method
vc	0.727	m3/kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	531.64	J/molxK	584.08	Joback Method
cpg	554.03	J/molxK	620.98	Joback Method
cpg	575.04	J/molxK	657.89	Joback Method
cpg	594.93	J/molxK	694.79	Joback Method
cpg	613.95	J/molxK	731.69	Joback Method
cpg	632.38	J/molxK	768.59	Joback Method
cpg	650.46	J/molxK	805.50	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=R198297&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R198297&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>h vap:</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>m cvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>r inpol:</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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