

# Acora-2,4(15)-dien-11-ol

<b>Inchi:</b>	InChI=1S/C15H24O/c1-11-7-9-15(10-8-11)12(2)5-6-13(15)14(3,4)16/h7,9,12-13,16H,1,5
<b>InchiKey:</b>	RWWKEKDASZBAER-GZBFAFLISA-N
<b>Formula:</b>	C15H24O
<b>SMILES:</b>	C=C1C=CC2(CC1)C(C)CCC2C(C)(C)O
<b>Mol. weight [g/mol]:</b>	220.35

## Physical Properties

Property code	Value	Unit	Source
gf	84.38	kJ/mol	Joback Method
hf	-256.03	kJ/mol	Joback Method
hfus	13.99	kJ/mol	Joback Method
hvap	63.87	kJ/mol	Joback Method
log10ws	-4.25		Crippen Method
logp	3.696		Crippen Method
mcvol	197.760	ml/mol	McGowan Method
pc	2224.99	kPa	Joback Method
rinpol	1612.00		NIST Webbook
rinpol	1612.00		NIST Webbook
tb	656.00	K	Joback Method
tc	868.98	K	Joback Method
tf	377.95	K	Joback Method
vc	0.733	m3/kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	574.39	J/molxK	656.00	Joback Method
cpg	593.55	J/molxK	691.50	Joback Method
cpg	611.61	J/molxK	726.99	Joback Method
cpg	628.74	J/molxK	762.49	Joback Method
cpg	645.09	J/molxK	797.99	Joback Method
cpg	660.80	J/molxK	833.49	Joback Method
cpg	676.04	J/molxK	868.98	Joback Method

# Sources

<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=R233573&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R233573&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>

# 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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