

# Dauc-6(14),11-dien-5-ol

**Inchi:** InChI=1S/C15H24O/c1-11(2)13-7-9-14(4)8-5-12(3)6-10-15(13,14)16/h13,16H,1,3,5-10H2  
**InchiKey:** VWRBCQWXFAGZPC-NFOMZHRRSA-N  
**Formula:** C15H24O  
**SMILES:** C=C1CCC2(C)CCC(C(=C)C)C2(O)CC1  
**Mol. weight [g/mol]:** 220.35

## Physical Properties

Property code	Value	Unit	Source
gf	125.38	kJ/mol	Joback Method
hf	-174.18	kJ/mol	Joback Method
hfus	11.29	kJ/mol	Joback Method
hvap	63.14	kJ/mol	Joback Method
log10ws	-4.49		Crippen Method
logp	3.840		Crippen Method
mcvol	197.760	ml/mol	McGowan Method
pc	2304.74	kPa	Joback Method
rinpol	1700.00		NIST Webbook
rinpol	1700.00		NIST Webbook
ripol	2453.00		NIST Webbook
ripol	2453.00		NIST Webbook
tb	656.87	K	Joback Method
tc	871.41	K	Joback Method
tf	382.95	K	Joback Method
vc	0.738	m3/kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	567.87	J/molxK	656.87	Joback Method
cpg	586.89	J/molxK	692.63	Joback Method
cpg	605.07	J/molxK	728.38	Joback Method
cpg	622.64	J/molxK	764.14	Joback Method
cpg	639.81	J/molxK	799.89	Joback Method
cpg	656.81	J/molxK	835.65	Joback Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R432374&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R432374&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>
<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>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>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpol:</b>	Non-polar retention indices
<b>ripol:</b>	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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