

# endo-Tricyclo[6,2,1,0(2,6)]dec-4-en-8-«alpha»-ol,

Inchi:  
acetate

InChI=1S/C12H16O2/c1-7(13)14-12-6-8-5-11(12)10-4-2-3-9(8)10/h2,4,8-12H,3,5-6H2,1H

InchiKey:

BJLRAKFWOUAROE-GFYNWQOFSAN

Formula:

C12H16O2

SMILES:

CC(=O)OC1CC2CC1C1C=CCC21

Mol. weight [g/mol]:

192.25

## Physical Properties

Property code	Value	Unit	Source
gf	0.93	kJ/mol	Joback Method
hf	-306.47	kJ/mol	Joback Method
hfus	25.29	kJ/mol	Joback Method
hvap	51.05	kJ/mol	Joback Method
log10ws	-2.39		Crippen Method
logp	2.150		Crippen Method
mcvol	150.500	ml/mol	McGowan Method
pc	2659.77	kPa	Joback Method
rinpol	1416.00		NIST Webbook
ripol	1893.00		NIST Webbook
tb	564.56	K	Joback Method
tc	780.81	K	Joback Method
tf	339.74	K	Joback Method
vc	0.579	m3/kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	407.03	J/molxK	564.56	Joback Method
cpg	425.84	J/molxK	600.60	Joback Method
cpg	443.41	J/molxK	636.64	Joback Method
cpg	459.82	J/molxK	672.68	Joback Method
cpg	475.14	J/molxK	708.72	Joback Method
cpg	489.45	J/molxK	744.76	Joback Method
cpg	502.84	J/molxK	780.81	Joback Method
dvisc	0.0018650	Paxs	339.74	Joback Method

dvisc	0.0019297	Paxs	377.21	Joback Method
dvisc	0.0019844	Paxs	414.68	Joback Method
dvisc	0.0020312	Paxs	452.15	Joback Method
dvisc	0.0020717	Paxs	489.62	Joback Method
dvisc	0.0021070	Paxs	527.09	Joback Method
dvisc	0.0021382	Paxs	564.56	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=R386182&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R386182&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>dvisc:</b>	Dynamic viscosity
<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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