

# (+)-(5R,7S,10S)-cis-Selina-4(15),11-dien-5-ol

<b>Inchi:</b>	InChI=1S/C15H24O/c1-11(2)13-7-9-14(4)8-5-6-12(3)15(14,16)10-13/h13,16H,1,3,5-10H2
<b>InchiKey:</b>	OEFZSVXJENLPRM-KKUMJFAQSA-N
<b>Formula:</b>	C15H24O
<b>SMILES:</b>	C=C(C)C1CCC2(C)CCCC(=C)C2(O)C1
<b>Mol. weight [g/mol]:</b>	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
rinsol	1623.00		NIST Webbook
tb	656.87	K	Joback Method
tc	871.41	K	Joback Method
tf	382.95	K	Joback Method
vc	0.738	m <sup>3</sup> /kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	567.87	J/mol×K	656.87	Joback Method
cpg	586.89	J/mol×K	692.63	Joback Method
cpg	605.07	J/mol×K	728.38	Joback Method
cpg	622.64	J/mol×K	764.14	Joback Method
cpg	639.81	J/mol×K	799.89	Joback Method
cpg	656.81	J/mol×K	835.65	Joback Method
cpg	673.87	J/mol×K	871.41	Joback Method

# Sources

<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=R561378&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R561378&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>

# 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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