

# ent-Beyerane

<b>Inchi:</b>	InChI=1S/C20H34/c1-17(2)8-5-9-19(4)15(17)7-11-20-13-12-18(3,14-20)10-6-16(19)20/h
<b>InchiKey:</b>	YCKKQNLVSGRKQV-JNJOTRRBSA-N
<b>Formula:</b>	C20H34
<b>SMILES:</b>	CC12CCC3C(CCC4C(C)(C)CCCC43C)(CC1)C2
<b>Mol. weight [g/mol]:</b>	274.48

## Physical Properties

Property code	Value	Unit	Source
gf	274.74	kJ/mol	Joback Method
hf	-169.29	kJ/mol	Joback Method
hfus	8.65	kJ/mol	Joback Method
hvap	55.23	kJ/mol	Joback Method
log10ws	-6.32		Crippen Method
logp	6.199		Crippen Method
mcvol	249.220	ml/mol	McGowan Method
pc	1730.34	kPa	Joback Method
rinsol	1929.00		NIST Webbook
tb	692.66	K	Joback Method
tc	941.58	K	Joback Method
tf	459.96	K	Joback Method
vc	0.942	m <sup>3</sup> /kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	789.37	J/mol×K	692.66	Joback Method
cpg	818.27	J/mol×K	734.15	Joback Method
cpg	846.59	J/mol×K	775.63	Joback Method
cpg	875.03	J/mol×K	817.12	Joback Method
cpg	904.31	J/mol×K	858.60	Joback Method
cpg	935.12	J/mol×K	900.09	Joback Method
cpg	968.17	J/mol×K	941.58	Joback Method

# Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</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=R312488&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R312488&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>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>rinpola:</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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