

# Incensole

<b>Inchi:</b>	InChI=1S/C19H32O2/c1-15(2)19-12-11-16(3)9-7-5-6-8-10-17(20)18(4,21-19)13-14-19/h5
<b>InchiKey:</b>	KFRXGVJCCPYNOO-NVMCYVCTSA-N
<b>Formula:</b>	C19H32O2
<b>SMILES:</b>	CC1=CCC2(C(C)C)CCC(C)(O2)C(O)CCC=CCC1
<b>Mol. weight [g/mol]:</b>	292.46

## Physical Properties

Property code	Value	Unit	Source
gf	-72.08	kJ/mol	Joback Method
hf	-520.61	kJ/mol	Joback Method
hfus	21.41	kJ/mol	Joback Method
hvap	78.70	kJ/mol	Joback Method
log10ws	-5.72		Crippen Method
logp	4.778		Crippen Method
mcvol	259.990	ml/mol	McGowan Method
pc	1807.70	kPa	Joback Method
rinpol	2164.00		NIST Webbook
rinpol	2193.00		NIST Webbook
rinpol	2164.00		NIST Webbook
rinpol	2193.00		NIST Webbook
tb	803.83	K	Joback Method
tc	1032.84	K	Joback Method
tf	438.08	K	Joback Method
vc	0.943	m3/kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	851.74	J/molxK	803.83	Joback Method
cpg	875.41	J/molxK	842.00	Joback Method
cpg	898.47	J/molxK	880.17	Joback Method
cpg	921.14	J/molxK	918.33	Joback Method
cpg	943.67	J/molxK	956.50	Joback Method
cpg	966.27	J/molxK	994.67	Joback Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R625997&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R625997&amp;Units=SI</a>
<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>

## 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>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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