

# N-benzylcyclopropylmethylamine

<b>Inchi:</b>	InChI=1S/C11H15N/c1-2-4-10(5-3-1)8-12-9-11-6-7-11/h1-5,11-12H,6-9H2
<b>InchiKey:</b>	QONMRPMQMVTSLW-UHFFFAOYSA-N
<b>Formula:</b>	C11H15N
<b>SMILES:</b>	<chem>c1ccc(CNCC2CC2)cc1</chem>
<b>Mol. weight [g/mol]:</b>	161.24
<b>CAS:</b>	116373-23-0

## Physical Properties

Property code	Value	Unit	Source
gf	304.29	kJ/mol	Joback Method
hf	92.43	kJ/mol	Joback Method
hfus	21.52	kJ/mol	Joback Method
hvap	48.70	kJ/mol	Joback Method
log10ws	-2.87		Crippen Method
logp	2.186		Crippen Method
mcvol	141.210	ml/mol	McGowan Method
pc	3086.42	kPa	Joback Method
tb	534.67	K	Joback Method
tc	753.67	K	Joback Method
tf	310.75	K	Joback Method
vc	0.535	m <sup>3</sup> /kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	336.48	J/mol×K	534.67	Joback Method
cpg	353.41	J/mol×K	571.17	Joback Method
cpg	369.18	J/mol×K	607.67	Joback Method
cpg	383.85	J/mol×K	644.17	Joback Method
cpg	397.50	J/mol×K	680.67	Joback Method
cpg	410.21	J/mol×K	717.17	Joback Method
cpg	422.05	J/mol×K	753.67	Joback Method

# Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C116373230&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C116373230&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>mccvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<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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