

# Bornyl anthranilate

<b>Inchi:</b>	InChI=1S/C17H23NO2/c1-16(2)11-8-9-17(16,3)14(10-11)20-15(19)12-6-4-5-7-13(12)18/
<b>InchiKey:</b>	KOTJVSKKXGQEQQ-UHFFFAOYSA-N
<b>Formula:</b>	C17H23NO2
<b>SMILES:</b>	CC1(C)C2CCC1(C)C(OC(=O)c1ccccc1N)C2
<b>Mol. weight [g/mol]:</b>	273.37

## Physical Properties

Property code	Value	Unit	Source
gf	110.57	kJ/mol	Joback Method
hf	-250.92	kJ/mol	Joback Method
hfus	25.14	kJ/mol	Joback Method
hvap	73.25	kJ/mol	Joback Method
log10ws	-4.29		Crippen Method
logp	3.640		Crippen Method
mcvol	222.330	ml/mol	McGowan Method
pc	2220.80	kPa	Joback Method
rinpol	2192.60		NIST Webbook
rinpol	2192.60		NIST Webbook
tb	777.73	K	Joback Method
tc	1022.41	K	Joback Method
tf	547.39	K	Joback Method
vc	0.833	m <sup>3</sup> /kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	693.97	J/mol×K	777.73	Joback Method
cpg	714.27	J/mol×K	818.51	Joback Method
cpg	734.42	J/mol×K	859.29	Joback Method
cpg	754.75	J/mol×K	900.07	Joback Method
cpg	775.61	J/mol×K	940.85	Joback Method
cpg	797.36	J/mol×K	981.63	Joback Method
cpg	820.32	J/mol×K	1022.41	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=U417242&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U417242&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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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>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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