

# N-veratrylidene aniline

Inchi:	InChI=1S/C15H15NO2/c1-17-14-9-8-12(10-15(14)18-2)11-16-13-6-4-3-5-7-13/h3-11H,1-
InchiKey:	KCSFGCVDFUCOIJ-LFIBNONCSA-N
Formula:	C15H15NO2
SMILES:	COc1ccc(C=Nc2ccccc2)cc1OC
Mol. weight [g/mol]:	241.29
CAS:	27895-67-6

## Physical Properties

Property code	Value	Unit	Source
hf	-85.03	kJ/mol	Joback Method
hvap	62.99	kJ/mol	Joback Method
log10ws	-3.58		Crippen Method
logp	3.454		Crippen Method
mcvol	192.110	ml/mol	McGowan Method
pc	2133.46	kPa	Joback Method
tb	727.44	K	Joback Method
tc	970.61	K	Joback Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C27895676&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C27895676&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</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>hf:</b>	Enthalpy of formation 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>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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