

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:	<chem>COc1ccc(C=Nc2ccccc2)cc1OC</chem>
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

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C27895676&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature

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