

# Methominostrobin (E)

**Inchi:** InChI=1S/C16H16N2O3/c1-17-16(19)15(18-20-2)13-10-6-7-11-14(13)21-12-8-4-3-5-9-12  
**InchiKey:** HIIRDDUVRXCDBN-OBGWFSINSA-N  
**Formula:** C16H16N2O3  
**SMILES:** CNC(=O)C(=NOC)c1cccc1Oc1cccc1  
**Mol. weight [g/mol]:** 284.31

## Physical Properties

Property code	Value	Unit	Source
hf	-163.10	kJ/mol	Joback Method
hvap	77.82	kJ/mol	Joback Method
log10ws	-3.05		Crippen Method
logp	2.575		Crippen Method
mcvol	217.750	ml/mol	McGowan Method
pc	2133.46	kPa	Joback Method
rinpol	2169.00		NIST Webbook
rinpol	2169.00		NIST Webbook
tb	849.26	K	Joback Method
tc	1092.88	K	Joback Method

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R566600&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**Joback Method:** [https://en.wikipedia.org/wiki/Joback\\_method](https://en.wikipedia.org/wiki/Joback_method)

## Legend

**hf:** Enthalpy of formation at standard conditions  
**hvap:** 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

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