Methominostrobin (Z)

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-SDXDJHTJSA-N
Formula: C16H16N2O3
SMILES: CNC(=O)C(=NOC)c1ccccc1Oc1ccccc1
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	2212.00		NIST Webbook
rinpol	2212.00		NIST Webbook
tb	849.26	K	Joback Method
tc	1092.88	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=R566615&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature