N-Phenyl-N'-(3-methoxyphenyl)formamidine

Inchi: InChI=1S/C14H14N2O/c1-17-14-9-5-8-13(10-14)16-11-15-12-6-3-2-4-7-12/h2-11H,1H3,(
InchiKey: RSFACIBOUHXZMO-UHFFFAOYSA-N
Formula: C14H14N2O
SMILES: COc1cccc(N=CNc2ccccc2)c1
Mol. weight [g/mol]: 226.27

Physical Properties

Property code	Value	Unit	Source
hf	132.77	kJ/mol	Joback Method
hvap	64.13	kJ/mol	Joback Method
log10ws	-3.48		Crippen Method
logp	3.467		Crippen Method
mcvol	182.130	ml/mol	McGowan Method
pc	2441.06	kPa	Joback Method
rinpol	2230.00		NIST Webbook
rinpol	2230.00		NIST Webbook
tb	727.33	K	Joback Method
tc	975.60	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=R161814&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