N,N'-bis-(4-Methoxyphenyl)formamidine

Inchi: InChI=1S/C15H16N2O2/c1-18-14-7-3-12(4-8-14)16-11-17-13-5-9-15(19-2)10-6-13/h3-11
InchiKey: CVPWVOGLBRAKHX-UHFFFAOYSA-N
Formula: C15H16N2O2
SMILES: COc1ccc(N=CNc2ccc(OC)cc2)cc1
Mol. weight [g/mol]: 256.30

Physical Properties

Property code	Value	Unit	Source
hf	-31.56	kJ/mol	Joback Method
hvap	69.43	kJ/mol	Joback Method
log10ws	-3.60		Crippen Method
logp	3.476		Crippen Method
mcvol	202.090	ml/mol	McGowan Method
pc	2159.31	kPa	Joback Method
rinpol	2485.00		NIST Webbook
rinpol	2485.00		NIST Webbook
tb	777.61	K	Joback Method
tc	1017.94	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R161750&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method: https://en.wikipedia.org/wiki/Joback_method

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