N,N-Dimethyl-N'-phenyl-p-methoxybenzamidine

Inchi: InChI=1S/C16H18N2O/c1-18(2)16(17-14-7-5-4-6-8-14)13-9-11-15(19-3)12-10-13/h4-12H
InchiKey: OSGDFHOKYIOCFL-WUKNDPDISA-N
Formula: C16H18N2O
SMILES: COc1ccc(C(=Nc2ccccc2)N(C)C)cc1
Mol. weight [g/mol]: 254.33

Physical Properties

Property code	Value	Unit	Source
hf	95.76	kJ/mol	Joback Method
hvap	64.27	kJ/mol	Joback Method
log10ws	-3.36		Crippen Method
logp	3.335		Crippen Method
mcvol	210.310	ml/mol	McGowan Method
pc	2018.13	kPa	Joback Method
rinpol	2059.00		NIST Webbook
tb	735.24	K	Joback Method
tc	976.42	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=R159430&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