N,N-Dimethyl-N'-benzyl-p-methoxybenzamidine

Inchi: InChI=1S/C17H20N2O/c1-19(2)17(15-9-11-16(20-3)12-10-15)18-13-14-7-5-4-6-8-14/h4-1
InchiKey: CSXJOJIXVXUXCC-ISLYRVAYSA-N
Formula: C17H20N2O
SMILES: COc1ccc(C(=NCc2ccccc2)N(C)C)cc1
Mol. weight [g/mol]: 268.35

Physical Properties

Property code	Value	Unit	Source
hf	75.12	kJ/mol	Joback Method
hvap	66.50	kJ/mol	Joback Method
log10ws	-3.67		Crippen Method
logp	3.204		Crippen Method
mcvol	224.400	ml/mol	McGowan Method
pc	1854.71	kPa	Joback Method
rinpol	2169.00		NIST Webbook
rinpol	2169.00		NIST Webbook
tb	758.12	K	Joback Method
tc	994.66	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R159074&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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

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