N,N-Dimethyl-N'-nonyl-p-methoxybenzamidine

Inchi: InChI=1S/C19H32N2O/c1-5-6-7-8-9-10-11-16-20-19(21(2)3)17-12-14-18(22-4)15-13-17/l
InchiKey: LZJXDRYMQKFDRG-UHFFFAOYSA-N
Formula: C19H32N2O
SMILES: CCCCCCCCCN=C(c1ccc(OC)cc1)N(C)C
Mol. weight [g/mol]: 304.47

Physical Properties

Property code	Value	Unit	Source
hf	-202.69	kJ/mol	Joback Method
hvap	68.67	kJ/mol	Joback Method
log10ws	-4.91		Crippen Method
logp	4.754		Crippen Method
mcvol	276.340	ml/mol	McGowan Method
pc	1235.48	kPa	Joback Method
rinpol	2208.00		NIST Webbook
tb	777.20	K	Joback Method
tc	975.80	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R159316&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