N''-(3-methoxy-phenyl)-N,N,N',N'-tetramethyl-guanidine

Inchi: InChI=1S/C12H19N3O/c1-14(2)12(15(3)4)13-10-7-6-8-11(9-10)16-5/h6-9H,1-5H3
InchiKey: NWMZOZPDDQBVMK-UHFFFAOYSA-N
Formula: C12H19N3O
SMILES: COc1cccc(N=C(N(C)C)N(C)C)c1
Mol. weight [g/mol]: 221.30

Physical Properties

Property code	Value	Unit	Source
hf	9.32	kJ/mol	Joback Method
hvap	55.13	kJ/mol	Joback Method
log10ws	-1.55		Crippen Method
logp	1.806		Crippen Method
mcvol	187.690	ml/mol	McGowan Method
pc	2113.89	kPa	Joback Method
rinpol	1743.00		NIST Webbook
tb	629.48	K	Joback Method
tc	841.84	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R152999&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