N''-Phenyl-N,N,N',N'-tetramethyl -guanidine

Inchi: InChI=1S/C11H17N3/c1-13(2)11(14(3)4)12-10-8-6-5-7-9-10/h5-9H,1-4H3
InchiKey: KVAONWQEUDYKTG-UHFFFAOYSA-N
Formula: C11H17N3
SMILES: CN(C)C(=Nc1ccccc1)N(C)C
Mol. weight [g/mol]: 191.27

Physical Properties

Property code	Value	Unit	Source
hf	173.65	kJ/mol	Joback Method
hvap	49.84	kJ/mol	Joback Method
log10ws	-1.43		Crippen Method
logp	1.797		Crippen Method
mcvol	167.730	ml/mol	McGowan Method
pc	2386.52	kPa	Joback Method
rinpol	1526.00		NIST Webbook
rinpol	1526.00		NIST Webbook
tb	579.20	K	Joback Method
tc	796.78	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R153170&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