Methanimidamide, N'-(2-bromophenyl)-N,N-dimethyl-

Other names: N'-(o-Bromophenyl)-N,N-dimethylformamidine
N1,N1-Dimethyl-N2-ortho-bromophenylformamidine

Inchi: InChI=1S/C9H11BrN2/c1-12(2)7-11-9-6-4-3-5-8(9)10/h3-7H,1-2H3

InchiKey: QXYAKYXLQMQHRD-UHFFFAOYSA-N

Formula: C9H11BrN2

SMILES: CN(C)C=Nc1ccccc1Br

Mol. weight [g/mol]: 227.10

CAS: 53746-69-3

Physical Properties

Property code	Value	Unit	Source
hf	172.05	kJ/mol	Joback Method
hvap	50.36	kJ/mol	Joback Method
ie	7.20	eV	NIST Webbook
log10ws	-2.69		Crippen Method
logp	2.671		Crippen Method
mcvol	147.070	ml/mol	McGowan Method
pc	3072.75	kPa	Joback Method
rinpol	1657.00		NIST Webbook
tb	592.26	K	Joback Method
tc	832.25	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=C53746693&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
ie:	Ionization energy
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