N,N'-bis-(3-Bromophenyl)formamidine

Inchi: InChI=1S/C13H10Br2N2/c14-10-3-1-5-12(7-10)16-9-17-13-6-2-4-11(15)8-13/h1-9H,(H,16
InchiKey: ODTDHHSGYOOYKK-UHFFFAOYSA-N
Formula: C13H10Br2N2
SMILES: Brc1cccc(N=CNc2cccc(Br)c2)c1
Mol. weight [g/mol]: 354.04

Physical Properties

Property code	Value	Unit	Source
hf	326.82	kJ/mol	Joback Method
hvap	73.03	kJ/mol	Joback Method
log10ws	-5.68		Crippen Method
logp	4.984		Crippen Method
mcvol	197.170	ml/mol	McGowan Method
pc	3127.99	kPa	Joback Method
rinpol	2604.00		NIST Webbook
tb	819.33	K	Joback Method
tc	1097.60	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R161681&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