p-bromobenzylidene-cyclohexyl-amine

Inchi: InChI=1S/C13H16BrN/c14-12-8-6-11(7-9-12)10-15-13-4-2-1-3-5-13/h6-10,13H,1-5H2
InchiKey: FAITWFBPKNTNKE-UHFFFAOYSA-N
Formula: C13H16BrN
SMILES: Brc1ccc(C=NC2CCCCC2)cc1
Mol. weight [g/mol]: 266.18

Physical Properties

Property code	Value	Unit	Source
hf	76.28	kJ/mol	Joback Method
hvap	57.65	kJ/mol	Joback Method
log10ws	-4.80		Crippen Method
logp	4.201		Crippen Method
mcvol	182.590	ml/mol	McGowan Method
pc	2548.19	kPa	Joback Method
rinpol	1982.00		NIST Webbook
tb	690.89	K	Joback Method
tc	956.34	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R159638&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