p-bromobenzylidene-benzyl-amine

Inchi: InChI=1S/C14H12BrN/c15-14-8-6-13(7-9-14)11-16-10-12-4-2-1-3-5-12/h1-9,11H,10H2/b
InchiKey: BXKIXPVEFBTGCW-LFIBNONCSA-N
Formula: C14H12BrN
SMILES: Brc1ccc(C=NCc2ccccc2)cc1
Mol. weight [g/mol]: 274.16

Physical Properties

Property code	Value	Unit	Source
hf	237.85	kJ/mol	Joback Method
hvap	61.72	kJ/mol	Joback Method
log10ws	-4.81		Crippen Method
logp	4.068		Crippen Method
mcvol	183.780	ml/mol	McGowan Method
pc	2627.15	kPa	Joback Method
rinpol	2143.00		NIST Webbook
tb	720.90	K	Joback Method
tc	987.99	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R159618&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