(p-methylbenzylidene)-cyclohexyl-amine

Inchi: InChI=1S/C14H19N/c1-12-7-9-13(10-8-12)11-15-14-5-3-2-4-6-14/h7-11,14H,2-6H2,1H3/
InchiKey: METAARIXCOAZDH-RVDMUPIBSA-N
Formula: C14H19N
SMILES: Cc1ccc(C=NC2CCCCC2)cc1
Mol. weight [g/mol]: 201.31

Physical Properties

Property code	Value	Unit	Source
hf	29.31	kJ/mol	Joback Method
hvap	53.44	kJ/mol	Joback Method
log10ws	-4.12		Crippen Method
logp	3.747		Crippen Method
mcvol	179.180	ml/mol	McGowan Method
pc	2171.40	kPa	Joback Method
rinpol	1771.00		NIST Webbook
rinpol	1771.00		NIST Webbook
tb	647.61	K	Joback Method
tc	895.82	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R160346&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