p-methoxybenzylidene-cyclohexyl-amine

Inchi: InChI=1S/C14H19NO/c1-16-14-9-7-12(8-10-14)11-15-13-5-3-2-4-6-13/h7-11,13H,2-6H2,
InchiKey: XCASJAIZRKXHGU-RVDMUPIBSA-N
Formula: C14H19NO
SMILES: COc1ccc(C=NC2CCCCC2)cc1
Mol. weight [g/mol]: 217.31

Physical Properties

Property code	Value	Unit	Source
hf	-102.91	kJ/mol	Joback Method
hvap	55.85	kJ/mol	Joback Method
log10ws	-3.76		Crippen Method
logp	3.447		Crippen Method
mcvol	185.050	ml/mol	McGowan Method
pc	2137.41	kPa	Joback Method
rinpol	1939.00		NIST Webbook
tb	670.03	K	Joback Method
tc	914.17	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R160108&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