(p-methylbenzylidene)-pentyl-amine

Inchi: InChI=1S/C13H19N/c1-3-4-5-10-14-11-13-8-6-12(2)7-9-13/h6-9,11H,3-5,10H2,1-2H3/b14
InchiKey: VMMDZIJVNOGEJG-SDNWHVSQSA-N
Formula: C13H19N
SMILES: CCCCCN=Cc1ccc(C)cc1
Mol. weight [g/mol]: 189.30

Physical Properties

Property code	Value	Unit	Source
hf	-4.37	kJ/mol	Joback Method
hvap	50.78	kJ/mol	Joback Method
log10ws	-3.69		Crippen Method
logp	3.604		Crippen Method
mcvol	175.950	ml/mol	McGowan Method
pc	1966.56	kPa	Joback Method
rinpol	1540.00		NIST Webbook
rinpol	1540.00		NIST Webbook
tb	605.18	K	Joback Method
tc	818.89	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R160400&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