(p-methylbenzylidene)-propyl-amine

Inchi: InChI=1S/C11H15N/c1-3-8-12-9-11-6-4-10(2)5-7-11/h4-7,9H,3,8H2,1-2H3/b12-9+
InchiKey: RBVYKGJTGHKPIU-FMIVXFBMSA-N
Formula: C11H15N
SMILES: CCCN=Cc1ccc(C)cc1
Mol. weight [g/mol]: 161.24

Physical Properties

Property code	Value	Unit	Source
hf	36.91	kJ/mol	Joback Method
hvap	46.33	kJ/mol	Joback Method
log10ws	-2.85		Crippen Method
logp	2.824		Crippen Method
mcvol	147.770	ml/mol	McGowan Method
pc	2349.64	kPa	Joback Method
rinpol	1371.00		NIST Webbook
rinpol	1371.00		NIST Webbook
tb	559.42	K	Joback Method
tc	780.76	K	Joback Method

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R160420&Units=SI

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