(p-methylbenzylidene)-heptyl-amine

Inchi: InChI=1S/C15H23N/c1-3-4-5-6-7-12-16-13-15-10-8-14(2)9-11-15/h8-11,13H,3-7,12H2,1-
InchiKey: KSRNBERDFGZUII-UHFFFAOYSA-N
Formula: C15H23N
SMILES: CCCCCCCN=Cc1ccc(C)cc1
Mol. weight [g/mol]: 217.35

Physical Properties

Property code	Value	Unit	Source
hf	-45.65	kJ/mol	Joback Method
hvap	55.24	kJ/mol	Joback Method
log10ws	-4.53		Crippen Method
logp	4.384		Crippen Method
mcvol	204.130	ml/mol	McGowan Method
pc	1670.06	kPa	Joback Method
rinpol	1783.00		NIST Webbook
rinpol	1783.00		NIST Webbook
tb	650.94	K	Joback Method
tc	857.99	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=R160366&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