Benzylidene-heptyl-amine

Inchi: InChI=1S/C14H21N/c1-2-3-4-5-9-12-15-13-14-10-7-6-8-11-14/h6-8,10-11,13H,2-5,9,12H
InchiKey: CUFHCAQQFUCBES-UHFFFAOYSA-N
Formula: C14H21N
SMILES: CCCCCCCN=Cc1ccccc1
Mol. weight [g/mol]: 203.32

Physical Properties

Property code	Value	Unit	Source
hf	-13.54	kJ/mol	Joback Method
hvap	52.35	kJ/mol	Joback Method
log10ws	-4.05		Crippen Method
logp	4.076		Crippen Method
mcvol	190.040	ml/mol	McGowan Method
pc	1832.54	kPa	Joback Method
rinpol	1674.00		NIST Webbook
rinpol	1674.00		NIST Webbook
tb	623.08	K	Joback Method
tc	832.41	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R158506&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