p-chlorobenzylidene-hexyl-amine

Inchi: InChI=1S/C13H18ClN/c1-2-3-4-5-10-15-11-12-6-8-13(14)9-7-12/h6-9,11H,2-5,10H2,1H3
InchiKey: MJRSRNBFOBNEFS-RVDMUPIBSA-N
Formula: C13H18ClN
SMILES: CCCCCCN=Cc1ccc(Cl)cc1
Mol. weight [g/mol]: 223.74

Physical Properties

Property code	Value	Unit	Source
hf	-20.11	kJ/mol	Joback Method
hvap	55.17	kJ/mol	Joback Method
log10ws	-4.32		Crippen Method
logp	4.339		Crippen Method
mcvol	188.190	ml/mol	McGowan Method
pc	1903.58	kPa	Joback Method
rinpol	1768.00		NIST Webbook
rinpol	1768.00		NIST Webbook
tb	642.61	K	Joback Method
tc	859.88	K	Joback Method

Sources

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=R159905&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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