p-chlorobenzylidene-nonyl-amine

Inchi: InChI=1S/C16H24ClN/c1-2-3-4-5-6-7-8-13-18-14-15-9-11-16(17)12-10-15/h9-12,14H,2-8
InchiKey: ZKVJHZJZYMNKTB-NBVRZTHBSA-N
Formula: C16H24ClN
SMILES: CCCCCCCCCN=Cc1ccc(Cl)cc1
Mol. weight [g/mol]: 265.82

Physical Properties

Property code	Value	Unit	Source
hf	-82.03	kJ/mol	Joback Method
hvap	61.85	kJ/mol	Joback Method
log10ws	-5.57		Crippen Method
logp	5.510		Crippen Method
mcvol	230.460	ml/mol	McGowan Method
pc	1502.31	kPa	Joback Method
rinpol	2065.00		NIST Webbook
tb	711.25	K	Joback Method
tc	918.93	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=R159910&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