(p-methylbenzylidene)-nonyl-amine

Inchi: InChI=1S/C17H27N/c1-3-4-5-6-7-8-9-14-18-15-17-12-10-16(2)11-13-17/h10-13,15H,3-9,
InchiKey: SENYKNXREVVVCS-OBGWFSINSA-N
Formula: C17H27N
SMILES: CCCCCCCCCN=Cc1ccc(C)cc1
Mol. weight [g/mol]: 245.40

Physical Properties

Property code	Value	Unit	Source
hf	-86.93	kJ/mol	Joback Method
hvap	59.69	kJ/mol	Joback Method
log10ws	-5.36		Crippen Method
logp	5.165		Crippen Method
mcvol	232.310	ml/mol	McGowan Method
pc	1435.89	kPa	Joback Method
rinpol	1979.00		NIST Webbook
rinpol	1979.00		NIST Webbook
tb	696.70	K	Joback Method
tc	898.42	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=R160386&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