(p-methylbenzylidene)-(3-methylphenyl)-amine

Inchi: InChI=1S/C15H15N/c1-12-6-8-14(9-7-12)11-16-15-5-3-4-13(2)10-15/h3-11H,1-2H3/b16-
InchiKey: CQHNIQJXSLOTGV-LFIBNONCSA-N
Formula: C15H15N
SMILES: Cc1ccc(C=Nc2cccc(C)c2)cc1
Mol. weight [g/mol]: 209.29

Physical Properties

Property code	Value	Unit	Source
hf	179.41	kJ/mol	Joback Method
hvap	58.17	kJ/mol	Joback Method
log10ws	-4.29		Crippen Method
logp	4.054		Crippen Method
mcvol	180.370	ml/mol	McGowan Method
pc	2202.08	kPa	Joback Method
rinpol	1989.00		NIST Webbook
tb	682.60	K	Joback Method
tc	933.92	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R160242&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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

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