p-methoxybenzylidene-(3-methylphenyl)-amine

Inchi: InChI=1S/C15H15NO/c1-12-4-3-5-14(10-12)16-11-13-6-8-15(17-2)9-7-13/h3-11H,1-2H3
InchiKey: VAQSEMDBSUISTM-UHFFFAOYSA-N
Formula: C15H15NO
SMILES: COc1ccc(C=Nc2cccc(C)c2)cc1
Mol. weight [g/mol]: 225.29

Physical Properties

Property code	Value	Unit	Source
hf	47.19	kJ/mol	Joback Method
hvap	60.58	kJ/mol	Joback Method
log10ws	-3.93		Crippen Method
logp	3.754		Crippen Method
mcvol	186.240	ml/mol	McGowan Method
pc	2167.36	kPa	Joback Method
rinpol	2151.00		NIST Webbook
rinpol	2151.00		NIST Webbook
tb	705.02	K	Joback Method
tc	952.13	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=R160004&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