Benzylidene-(4-ethoxyphenyl)-amine

Inchi: InChI=1S/C15H15NO/c1-2-17-15-10-8-14(9-11-15)16-12-13-6-4-3-5-7-13/h3-12H,2H2,1H
InchiKey: HCWVEGYBZIFTKU-FOWTUZBSSA-N
Formula: C15H15NO
SMILES: CCOc1ccc(N=Cc2ccccc2)cc1
Mol. weight [g/mol]: 225.29

Physical Properties

Property code	Value	Unit	Source
hf	58.66	kJ/mol	Joback Method
hvap	59.92	kJ/mol	Joback Method
log10ws	-3.88		Crippen Method
logp	3.836		Crippen Method
mcvol	186.240	ml/mol	McGowan Method
pc	2197.95	kPa	Joback Method
rinpol	2096.00		NIST Webbook
tb	700.04	K	Joback Method
tc	946.33	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=R158437&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