p-bromobenzylidene-(3-ethoxyphenyl)-amine

Inchi: InChI=1S/C15H14BrNO/c1-2-18-15-5-3-4-14(10-15)17-11-12-6-8-13(16)9-7-12/h3-11H,2
InchiKey: LPLXMGQSNFPBAK-GZTJUZNOSA-N
Formula: C15H14BrNO
SMILES: CCOc1cccc(N=Cc2ccc(Br)cc2)c1
Mol. weight [g/mol]: 304.18

Physical Properties

Property code	Value	Unit	Source
hf	73.52	kJ/mol	Joback Method
hvap	67.02	kJ/mol	Joback Method
log10ws	-5.04		Crippen Method
logp	4.598		Crippen Method
mcvol	203.740	ml/mol	McGowan Method
pc	2313.61	kPa	Joback Method
rinpol	2371.00		NIST Webbook
rinpol	2371.00		NIST Webbook
tb	771.18	K	Joback Method
tc	1028.05	K	Joback Method

Sources

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=R159514&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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