Benzylidene-(3-methoxyphenyl)-amine

Inchi: InChI=1S/C14H13NO/c1-16-14-9-5-8-13(10-14)15-11-12-6-3-2-4-7-12/h2-11H,1H3
InchiKey: ZIZBBPVOSQIWBA-UHFFFAOYSA-N
Formula: C14H13NO
SMILES: COc1cccc(N=Cc2ccccc2)c1
Mol. weight [g/mol]: 211.26

Physical Properties

Property code	Value	Unit	Source
hf	79.30	kJ/mol	Joback Method
hvap	57.70	kJ/mol	Joback Method
log10ws	-3.46		Crippen Method
logp	3.446		Crippen Method
mcvol	172.150	ml/mol	McGowan Method
pc	2410.00	kPa	Joback Method
rinpol	2003.00		NIST Webbook
rinpol	2003.00		NIST Webbook
tb	677.16	K	Joback Method
tc	929.02	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=R158388&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