p-methoxybenzylidene-(3-methoxyphenyl)-amine

Inchi: InChI=1S/C15H15NO2/c1-17-14-8-6-12(7-9-14)11-16-13-4-3-5-15(10-13)18-2/h3-11H,1-

InchiKey: MRZGJJVHNIMEDZ-LFIBNONCSA-N

Formula: C15H15NO2

SMILES: COc1ccc(C=Nc2cccc(OC)c2)cc1

Mol. weight [g/mol]: 241.29

Physical Properties

Property code	Value	Unit	Source
hf	-85.03	kJ/mol	Joback Method
hvap	62.99	kJ/mol	Joback Method
log10ws	-3.58		Crippen Method
logp	3.454		Crippen Method
mcvol	192.110	ml/mol	McGowan Method
pc	2133.46	kPa	Joback Method
rinpol	2296.00		NIST Webbook
tb	727.44	K	Joback Method
tc	970.61	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=R159990&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

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