

# p-methylbenzylidene-(4-methoxyphenyl)-amine

**Inchi:** InChI=1S/C15H15NO/c1-12-3-5-13(6-4-12)11-16-14-7-9-15(17-2)10-8-14/h3-11H,1-2H3  
**InchiKey:** UFPMTVFOMMJDMG-UHFFFAOYSA-N  
**Formula:** C15H15NO  
**SMILES:** COc1ccc(N=Cc2ccc(C)cc2)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
tb	705.02	K	Joback Method
tc	952.13	K	Joback Method

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R160297&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**Joback Method:** [https://en.wikipedia.org/wiki/Joback\\_method](https://en.wikipedia.org/wiki/Joback_method)

## Legend

**hf:** Enthalpy of formation at standard conditions  
**hvap:** Enthalpy of vaporization at standard conditions  
**log10ws:** Log10 of Water solubility in mol/l

<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpol:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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