

# p-methoxybenzylidene-propyl-amine

**Inchi:** InChI=1S/C11H15NO/c1-3-8-12-9-10-4-6-11(13-2)7-5-10/h4-7,9H,3,8H2,1-2H3  
**InchiKey:** XMWOCODUQPBCMX-UHFFFAOYSA-N  
**Formula:** C11H15NO  
**SMILES:** CCCN=Cc1ccc(OC)cc1  
**Mol. weight [g/mol]:** 177.24

## Physical Properties

Property code	Value	Unit	Source
hf	-95.31	kJ/mol	Joback Method
hvap	48.74	kJ/mol	Joback Method
log10ws	-2.50		Crippen Method
logp	2.524		Crippen Method
mcvol	153.640	ml/mol	McGowan Method
pc	2311.39	kPa	Joback Method
rinpol	1546.00		NIST Webbook
rinpol	1546.00		NIST Webbook
tb	581.84	K	Joback Method
tc	800.48	K	Joback Method

## Sources

**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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R160188&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**hf:** Enthalpy of formation at standard conditions  
**hvap:** Enthalpy of vaporization at standard conditions

<b>log10ws:</b>	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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