

p-methylbenzylidene-(4-ethoxyphenyl)-amine

Inchi: InChI=1S/C16H17NO/c1-3-18-16-10-8-15(9-11-16)17-12-14-6-4-13(2)5-7-14/h4-12H,3H2
InchiKey: YLVDCPUKGYDWBK-SFQUDFHCSA-N
Formula: C16H17NO
SMILES: CCOc1ccc(N=Cc2ccc(C)cc2)cc1
Mol. weight [g/mol]: 239.31

Physical Properties

Property code	Value	Unit	Source
hf	26.55	kJ/mol	Joback Method
hvap	62.81	kJ/mol	Joback Method
log10ws	-4.35		Crippen Method
logp	4.144		Crippen Method
mcvol	200.330	ml/mol	McGowan Method
pc	1985.89	kPa	Joback Method
rinpol	2212.00		NIST Webbook
rinpol	2212.00		NIST Webbook
tb	727.90	K	Joback Method
tc	969.82	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=R160282&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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

Latest version available from:

<https://www.cheméo.com/cid/35-470-1/p-methylbenzylidene-4-ethoxyphenyl-amine.pdf>

Generated by Cheméo on 2026-03-11 07:47:16.975219052 +0000 UTC m=+3612928.668288287.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.