Phenol, 4-[[(4-methoxyphenyl)methylene]amino]-

Other names: p-Methoxybenzylidene p-aminophenol
p-[(p-Methoxybenzylidene)amino]phenol
Phenol, p-((p-methoxybenzylidene)amino)-

Inchi: InChI=1S/C14H13NO2/c1-17-14-8-2-11(3-9-14)10-15-12-4-6-13(16)7-5-12/h2-10,16H,1H

InchiKey: YONXPYGTYHMKDH-UHFFFAOYSA-N

Formula: C14H13NO2

SMILES: COc1ccc(C=Nc2ccc(O)cc2)cc1

Mol. weight [g/mol]: 227.26

CAS: 3230-39-5

Physical Properties

Property code	Value	Unit	Source
hf	-98.01	kJ/mol	Joback Method
hvap	70.71	kJ/mol	Joback Method
log10ws	-3.01		Crippen Method
logp	3.151		Crippen Method
mcvol	178.020	ml/mol	McGowan Method
pc	2805.41	kPa	Joback Method
tb	757.78	K	Joback Method
tc	1016.01	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=C3230395&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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature