

5-AMINO-2-METHOXYPHENOL

Other names:	3-Hydroxy-4-methoxyaniline Phenol, 5-amino-2-methoxy-
Inchi:	InChI=1S/C7H9NO2/c1-10-7-3-2-5(8)4-6(7)9/h2-4,9H,8H2,1H3
InchiKey:	BLQFHJKRTDIZLX-UHFFFAOYSA-N
Formula:	C7H9NO2
SMILES:	COc1ccc(N)cc1O
Mol. weight [g/mol]:	139.15

Physical Properties

Property code	Value	Unit	Source
hf	-233.41	kJ/mol	Cheméo Relay (1.0)
hfus	19.71	kJ/mol	Joback Method
hvap	82.67	kJ/mol	Cheméo Relay (1.0)
ie	7.46	eV	Cheméo Relay (1.0)
log10ws	-1.32		Cheméo Relay (1.0)
logp	0.983		Crippen Method
mcvol	107.450	ml/mol	McGowan Method
tb	565.90	K	Cheméo Relay (1.0)
tf	395.88	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	253.20	J/mol×K	566.79	Joback Method
cpg	263.24	J/mol×K	606.50	Joback Method
cpg	272.60	J/mol×K	646.21	Joback Method
cpg	281.34	J/mol×K	685.92	Joback Method
cpg	289.52	J/mol×K	725.63	Joback Method
cpg	297.21	J/mol×K	765.34	Joback Method
cpg	304.46	J/mol×K	805.05	Joback Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1687532&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method

Legend

cpg:	Ideal gas heat capacity
hf:	Enthalpy of formation at standard conditions
hfus:	Enthalpy of fusion at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point

Latest version available from:

<https://www.chemeo.com/cid/38-391-6/5-AMINO-2-METHOXYPHENOL.pdf>

Generated by Cheméo on 2026-07-20 15:12:46.708411162 +0000 UTC m=+71462.550296617.

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