

Di-(4-methoxy phenyl) amine

Other names:	Bis(p-anisyl)amine Benzenamine, 4-methoxy-N-(4-methoxyphenyl)- 4-Biphenylamine, 4,4'-dimethoxy- Bis(p-methoxyphenyl)amine Bis(4-methoxyphenyl)amine Di-p-anisylamine p,p'-Dimethoxydiphenylamine Di-p-methoxyphenylamine Termofleks A Di-(4-methoxy phenyl) amine 4-Methoxy-N-(4-methoxyphenyl)benzenamine N-(p-Methoxyphenyl)-p-anisidine N,N-Bis(4-methoxyphenyl)amine N-(4-methoxyphenyl)-p-anisidine
Inchi:	InChI=1S/C14H15NO2/c1-16-13-7-3-11(4-8-13)15-12-5-9-14(17-2)10-6-12/h3-10,15H,1-
InchiKey:	VCOONNWIINSFBA-UHFFFAOYSA-N
Formula:	C14H15NO2
SMILES:	COc1ccc(Nc2ccc(OC)cc2)cc1
Mol. weight [g/mol]:	229.28

Physical Properties

Property code	Value	Unit	Source
hf	-101.96	kJ/mol	Cheméo Relay (1.0)
hfus	26.80	kJ/mol	Joback Method
hvap	91.55	kJ/mol	Cheméo Relay (1.0)
ie	6.95	eV	Cheméo Relay (1.0)
log10ws	-4.42		Cheméo Relay (1.0)
logp	3.447		Crippen Method
mcvol	182.320	ml/mol	McGowan Method
pc	2627.15	kPa	Joback Method
tb	648.05	K	Cheméo Relay (1.0)
tc	907.88	K	Cheméo Relay (1.0)
tf	380.32	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	474.82	J/mol×K	678.05	Joback Method
cpg	490.45	J/mol×K	716.78	Joback Method
cpg	504.97	J/mol×K	755.51	Joback Method
cpg	518.40	J/mol×K	794.23	Joback Method
cpg	530.77	J/mol×K	832.96	Joback Method
cpg	542.09	J/mol×K	871.69	Joback Method
cpg	552.38	J/mol×K	910.42	Joback Method

Sources

Cheméo Relay (1.0, beta):

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C101702&Units=SI>

Joback Method:

https://en.wikipedia.org/wiki/Joback_method

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):

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
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point

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