

N,N-Dimethyl-N'-(4-methoxyphenyl)-p-methylbenz

Inchi:	InChI=1S/C17H20N2O/c1-13-5-7-14(8-6-13)17(19(2)3)18-15-9-11-16(20-4)12-10-15/h5-
InchiKey:	NRIUWPNVOIMBNP-ISLYRVAYSA-N
Formula:	C17H20N2O
SMILES:	COc1ccc(N=C(c2ccc(C)cc2)N(C)C)cc1
Mol. weight [g/mol]:	268.35

Physical Properties

Property code	Value	Unit	Source
hf	63.65	kJ/mol	Joback Method
hvap	67.16	kJ/mol	Joback Method
log10ws	-3.84		Crippen Method
logp	3.644		Crippen Method
mcvol	224.400	ml/mol	McGowan Method
pc	1830.98	kPa	Joback Method
rinpol	2122.00		NIST Webbook
rinpol	2122.00		NIST Webbook
tb	763.10	K	Joback Method
tc	1000.40	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=R158962&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

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