N,N-Dimethyl-N'-(3-methoxyphenyl)-p-methylbenz

Inchi: InChI=1S/C17H20N2O/c1-13-8-10-14(11-9-13)17(19(2)3)18-15-6-5-7-16(12-15)20-4/h5-1
InchiKey: AZEGCKRCTCMKAN-ISLYRVAYSA-N
Formula: C17H20N2O
SMILES: COc1cccc(N=C(c2ccc(C)cc2)N(C)C)c1
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	2111.00		NIST Webbook
tb	763.10	K	Joback Method
tc	1000.40	K	Joback Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=R158724&Units=SI

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