N,N-Dimethyl-N'-(3-ethoxyphenyl)-p-methoxybenz

Inchi: InChI=1S/C18H22N2O2/c1-5-22-17-8-6-7-15(13-17)19-18(20(2)3)14-9-11-16(21-4)12-10

InchiKey: GKEVWUVLBZJKOV-UHFFFAOYSA-N

Formula: C18H22N2O2

SMILES: CCOc1cccc(N=C(c2ccc(OC)cc2)N(C)C)c1

Mol. weight [g/mol]: 298.38

Physical Properties

Property code	Value	Unit	Source
hf	-89.21	kJ/mol	Joback Method
hvap	71.80	kJ/mol	Joback Method
log10ws	-3.90		Crippen Method
logp	3.734		Crippen Method
mcvol	244.360	ml/mol	McGowan Method
pc	1665.97	kPa	Joback Method
rinpol	2299.00		NIST Webbook
tb	808.40	K	Joback Method
tc	1038.92	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=R158675&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

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