

N,N-Dimethyl-N'-(4-ethoxyphenyl)-p-methoxybenz

Inchi:	InChI=1S/C18H22N2O2/c1-5-22-17-12-8-15(9-13-17)19-18(20(2)3)14-6-10-16(21-4)11-7
InchiKey:	ABJGNCOBEJJPJZ-VHEBQXMUSA-N
Formula:	C18H22N2O2
SMILES:	CCOc1ccc(N=C(c2ccc(OC)cc2)N(C)C)cc1
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	2315.00		NIST Webbook
rinpol	2315.00		NIST Webbook
tb	808.40	K	Joback Method
tc	1038.92	K	Joback Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R158917&Units=SI
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

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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