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

Inchi: InChI=1S/C18H22N2O/c1-5-21-17-8-6-7-16(13-17)19-18(20(3)4)15-11-9-14(2)10-12-15/
InchiKey: ZQPVRVYINYIKGM-VHEBQXMUSA-N
Formula: C18H22N2O
SMILES: CCOc1cccc(N=C(c2ccc(C)cc2)N(C)C)c1
Mol. weight [g/mol]: 282.38

Physical Properties

Property code	Value	Unit	Source
hf	43.01	kJ/mol	Joback Method
hvap	69.39	kJ/mol	Joback Method
log10ws	-4.25		Crippen Method
logp	4.034		Crippen Method
mcvol	238.490	ml/mol	McGowan Method
pc	1689.34	kPa	Joback Method
rinpol	2154.00		NIST Webbook
rinpol	2154.00		NIST Webbook
tb	785.98	K	Joback Method
tc	1019.13	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=R158680&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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