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

Inchi: InChI=1S/C17H20N2O2/c1-19(2)17(13-5-9-15(20-3)10-6-13)18-14-7-11-16(21-4)12-8-14
InchiKey: AWWUTXIJVXFDOB-UHFFFAOYSA-N
Formula: C17H20N2O2
SMILES: COc1ccc(N=C(c2ccc(OC)cc2)N(C)C)cc1
Mol. weight [g/mol]: 284.35

Physical Properties

Property code	Value	Unit	Source
hf	-68.57	kJ/mol	Joback Method
hvap	69.57	kJ/mol	Joback Method
log10ws	-3.48		Crippen Method
logp	3.344		Crippen Method
mcvol	230.270	ml/mol	McGowan Method
pc	1804.63	kPa	Joback Method
rinpol	2265.00		NIST Webbook
rinpol	2265.00		NIST Webbook
tb	785.52	K	Joback Method
tc	1019.73	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=R158957&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