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

Inchi: InChI=1S/C16H17ClN2O/c1-19(2)16(12-7-9-13(17)10-8-12)18-14-5-4-6-15(11-14)20-3/h
InchiKey: TUKGELTXLVDVOA-UHFFFAOYSA-N
Formula: C16H17ClN2O
SMILES: COc1cccc(N=C(c2ccc(Cl)cc2)N(C)C)c1
Mol. weight [g/mol]: 288.77

Physical Properties

Property code	Value	Unit	Source
hf	68.55	kJ/mol	Joback Method
hvap	69.32	kJ/mol	Joback Method
log10ws	-4.04		Crippen Method
logp	3.989		Crippen Method
mcvol	222.550	ml/mol	McGowan Method
pc	1927.05	kPa	Joback Method
rinpol	2210.00		NIST Webbook
tb	777.65	K	Joback Method
tc	1021.73	K	Joback Method

Sources

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=R158704&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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