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

Inchi: InChI=1S/C17H19ClN2O/c1-4-21-16-11-9-15(10-12-16)19-17(20(2)3)13-5-7-14(18)8-6-1
InchiKey: XJKHKASRFUWAKX-HTXNQAPBSA-N
Formula: C17H19ClN2O
SMILES: CCOc1ccc(N=C(c2ccc(Cl)cc2)N(C)C)cc1
Mol. weight [g/mol]: 302.80

Physical Properties

Property code	Value	Unit	Source
hf	47.91	kJ/mol	Joback Method
hvap	71.54	kJ/mol	Joback Method
log10ws	-4.46		Crippen Method
logp	4.379		Crippen Method
mcvol	236.640	ml/mol	McGowan Method
pc	1774.35	kPa	Joback Method
rinpol	2273.00		NIST Webbook
tb	800.53	K	Joback Method
tc	1040.09	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=R158902&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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