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

Inchi: InChI=1S/C17H20N2/c1-13-8-10-15(11-9-13)17(19(3)4)18-16-7-5-6-14(2)12-16/h5-12H,1
InchiKey: HJPVJYXSXOOILB-UHFFFAOYSA-N
Formula: C17H20N2
SMILES: Cc1ccc(C(=Nc2cccc(C)c2)N(C)C)cc1
Mol. weight [g/mol]: 252.35

Physical Properties

Property code	Value	Unit	Source
hf	195.87	kJ/mol	Joback Method
hvap	64.75	kJ/mol	Joback Method
log10ws	-4.19		Crippen Method
logp	3.943		Crippen Method
mcvol	218.530	ml/mol	McGowan Method
pc	1857.91	kPa	Joback Method
rinpol	1960.00		NIST Webbook
rinpol	1960.00		NIST Webbook
tb	740.68	K	Joback Method
tc	981.42	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=R158764&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