N-(3-Methylphenyl)-N'-(3-ethoxyphenyl)formamidi

Inchi: InChI=1S/C16H18N2O/c1-3-19-16-9-5-8-15(11-16)18-12-17-14-7-4-6-13(2)10-14/h4-12H
InchiKey: JWXBNPOXKQYGLF-UHFFFAOYSA-N
Formula: C16H18N2O
SMILES: CCOc1cccc(N=CNc2cccc(C)c2)c1
Mol. weight [g/mol]: 254.33

Physical Properties

Property code	Value	Unit	Source
logp	4.166		Crippen Method
mcvol	210.310	ml/mol	McGowan Method
rinpol	2384.00		NIST Webbook
rinpol	2384.00		NIST Webbook
tb	655.11	K	Cheméo Relay (1.0)
tf	353.63	K	Cheméo Relay (1.0)

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R161572&Units=SI
Joback Method: https://en.wikipedia.org/wiki/Joback_method

Legend

logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices
tb: Normal Boiling Point Temperature

tf: Normal melting (fusion) point

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