N-(4-Methoxyphenyl)-N'-(4-ethoxyphenyl)formami

Inchi: InChI=1S/C16H18N2O2/c1-3-20-16-10-6-14(7-11-16)18-12-17-13-4-8-15(19-2)9-5-13/h4
InchiKey: YVWOUAYBYKOPSG-UHFFFAOYSA-N
Formula: C16H18N2O2
SMILES: CCOc1ccc(N=CNc2ccc(OC)cc2)cc1
Mol. weight [g/mol]: 270.33

Physical Properties

Property code	Value	Unit	Source
hf	-52.20	kJ/mol	Joback Method
hvap	71.66	kJ/mol	Joback Method
log10ws	-4.01		Crippen Method
logp	3.866		Crippen Method
mcvol	216.180	ml/mol	McGowan Method
pc	1978.82	kPa	Joback Method
rinpol	2539.00		NIST Webbook
rinpol	2539.00		NIST Webbook
tb	800.49	K	Joback Method
tc	1036.58	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=R161636&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