N,N'-bis-(3-Ethoxyphenyl)formamidine

Inchi: InChI=1S/C17H20N2O2/c1-3-20-16-9-5-7-14(11-16)18-13-19-15-8-6-10-17(12-15)21-4-2
InchiKey: QRUKWCDLBMSPJV-UHFFFAOYSA-N
Formula: C17H20N2O2
SMILES: CCOc1cccc(N=CNc2cccc(OCC)c2)c1
Mol. weight [g/mol]: 284.35

Physical Properties

Property code	Value	Unit	Source
hf	-72.84	kJ/mol	Joback Method
hvap	73.88	kJ/mol	Joback Method
log10ws	-4.43		Crippen Method
logp	4.256		Crippen Method
mcvol	230.270	ml/mol	McGowan Method
pc	1820.06	kPa	Joback Method
rinpol	2586.00		NIST Webbook
rinpol	2586.00		NIST Webbook
tb	823.37	K	Joback Method
tc	1055.78	K	Joback Method

Sources

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=R161705&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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