But-2-enamide, N-(2-fluorophenyl)-3-methyl-

Inchi: InChI=1S/C11H12FNO/c1-8(2)7-11(14)13-10-6-4-3-5-9(10)12/h3-7H,1-2H3,(H,13,14)
InchiKey: RMMBRAUAKCYSAN-UHFFFAOYSA-N
Formula: C11H12FNO
SMILES: CC(C)=CC(O)=Nc1ccccc1F
Mol. weight [g/mol]: 193.22

Physical Properties

Property code	Value	Unit	Source
hf	-213.79	kJ/mol	Joback Method
hvap	62.31	kJ/mol	Joback Method
log10ws	-3.30		Crippen Method
logp	3.380		Crippen Method
mcvol	151.110	ml/mol	McGowan Method
pc	2619.09	kPa	Joback Method
rinpol	1549.00		NIST Webbook
rinpol	1549.00		NIST Webbook
tb	654.79	K	Joback Method
tc	865.74	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U308234&Units=SI
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

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