2-Naphthamide, N-ethyl-

Inchi: InChI=1S/C13H13NO/c1-2-14-13(15)12-8-7-10-5-3-4-6-11(10)9-12/h3-9H,2H2,1H3,(H,14
InchiKey: GMUVKNLJIXAYQA-UHFFFAOYSA-N
Formula: C13H13NO
SMILES: CCN=C(O)c1ccc2ccccc2c1
Mol. weight [g/mol]: 199.25

Physical Properties

Property code	Value	Unit	Source
hf	24.68	kJ/mol	Joback Method
hvap	69.18	kJ/mol	Joback Method
log10ws	-3.58		Crippen Method
logp	3.164		Crippen Method
mcvol	162.360	ml/mol	McGowan Method
pc	2732.56	kPa	Joback Method
rinpol	2012.00		NIST Webbook
rinpol	2012.00		NIST Webbook
tb	716.22	K	Joback Method
tc	942.13	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=U407345&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