1-Naphthamide, N-methallyl-

Inchi: InChI=1S/C15H15NO/c1-11(2)10-16-15(17)14-9-5-7-12-6-3-4-8-13(12)14/h3-9H,1,10H2,
InchiKey: XFUUMIYFBOSMQN-UHFFFAOYSA-N
Formula: C15H15NO
SMILES: C=C(C)CN=C(O)c1cccc2ccccc12
Mol. weight [g/mol]: 225.29

Physical Properties

Property code	Value	Unit	Source
hf	99.04	kJ/mol	Joback Method
hvap	73.05	kJ/mol	Joback Method
log10ws	-4.27		Crippen Method
logp	3.721		Crippen Method
mcvol	186.240	ml/mol	McGowan Method
pc	2361.07	kPa	Joback Method
rinpol	2229.00		NIST Webbook
tb	758.54	K	Joback Method
tc	984.32	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=U340225&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