N,N-Dimethyl-N'-nonyl-isobutyramidine

Inchi: InChI=1S/C15H32N2/c1-6-7-8-9-10-11-12-13-16-15(14(2)3)17(4)5/h14H,6-13H2,1-5H3/b
InchiKey: RZFZHKKCFUQDES-FOCLMDBBSA-N
Formula: C15H32N2
SMILES: CCCCCCCCCN=C(C(C)C)N(C)C
Mol. weight [g/mol]: 240.43

Physical Properties

Property code	Value	Unit	Source
hf	-218.25	kJ/mol	Joback Method
hvap	54.03	kJ/mol	Joback Method
log10ws	-4.09		Crippen Method
logp	4.353		Crippen Method
mcvol	237.870	ml/mol	McGowan Method
pc	1320.39	kPa	Joback Method
rinpol	1685.00		NIST Webbook
tb	631.16	K	Joback Method
tc	808.57	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R162713&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