N,N-Dimethyl-N'-hexyl-isobutyramidine

Inchi: InChI=1S/C12H26N2/c1-6-7-8-9-10-13-12(11(2)3)14(4)5/h11H,6-10H2,1-5H3
InchiKey: KUZUEXIBJVQDPT-UHFFFAOYSA-N
Formula: C12H26N2
SMILES: CCCCCCN=C(C(C)C)N(C)C
Mol. weight [g/mol]: 198.35

Physical Properties

Property code	Value	Unit	Source
hf	-156.33	kJ/mol	Joback Method
hvap	47.36	kJ/mol	Joback Method
log10ws	-2.83		Crippen Method
logp	3.183		Crippen Method
mcvol	195.600	ml/mol	McGowan Method
pc	1647.09	kPa	Joback Method
rinpol	1374.00		NIST Webbook
tb	562.52	K	Joback Method
tc	744.27	K	Joback Method

Sources

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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R162699&Units=SI

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