N,N-Dimethyl-N'-butyl-pivalamidine

Inchi: InChI=1S/C11H24N2/c1-7-8-9-12-10(13(5)6)11(2,3)4/h7-9H2,1-6H3/b12-10+
InchiKey: MGCRSFQHTYPADF-ZRDIBKRKSA-N
Formula: C11H24N2
SMILES: CCCCN=C(N(C)C)C(C)(C)C
Mol. weight [g/mol]: 184.32

Physical Properties

Property code	Value	Unit	Source
hf	-139.16	kJ/mol	Joback Method
hvap	44.22	kJ/mol	Joback Method
log10ws	-2.41		Crippen Method
logp	2.793		Crippen Method
mcvol	181.510	ml/mol	McGowan Method
pc	1800.03	kPa	Joback Method
rinpol	1204.00		NIST Webbook
rinpol	1204.00		NIST Webbook
tb	536.85	K	Joback Method
tc	727.26	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R162624&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