N,N-Dimethyl-N'-heptyl-pivalamidine

Inchi: InChI=1S/C14H30N2/c1-7-8-9-10-11-12-15-13(16(5)6)14(2,3)4/h7-12H2,1-6H3/b15-13+
InchiKey: QXHUDCRFGYRCOC-FYWRMAATSA-N
Formula: C14H30N2
SMILES: CCCCCCCN=C(N(C)C)C(C)(C)C
Mol. weight [g/mol]: 226.40

Physical Properties

Property code	Value	Unit	Source
hf	-201.08	kJ/mol	Joback Method
hvap	50.90	kJ/mol	Joback Method
log10ws	-3.67		Crippen Method
logp	3.963		Crippen Method
mcvol	223.780	ml/mol	McGowan Method
pc	1429.38	kPa	Joback Method
rinpol	1483.00		NIST Webbook
rinpol	1483.00		NIST Webbook
tb	605.49	K	Joback Method
tc	789.67	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R162684&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