N,N-Dimethyl-N'-nonyl-pivalamidine

Inchi: InChI=1S/C16H34N2/c1-7-8-9-10-11-12-13-14-17-15(18(5)6)16(2,3)4/h7-14H2,1-6H3/b1
InchiKey: QRBWUWDNNRZCNB-BMRADRMJSA-N
Formula: C16H34N2
SMILES: CCCCCCCCCN=C(N(C)C)C(C)(C)C
Mol. weight [g/mol]: 254.45

Physical Properties

Property code	Value	Unit	Source
hf	-242.36	kJ/mol	Joback Method
hvap	55.35	kJ/mol	Joback Method
log10ws	-4.51		Crippen Method
logp	4.743		Crippen Method
mcvol	251.960	ml/mol	McGowan Method
pc	1242.46	kPa	Joback Method
rinpol	1687.00		NIST Webbook
rinpol	1687.00		NIST Webbook
tb	651.25	K	Joback Method
tc	832.54	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=R162728&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