N,N-Dimethyl-N'-decyl-pivalamidine

Inchi: InChI=1S/C17H36N2/c1-7-8-9-10-11-12-13-14-15-18-16(19(5)6)17(2,3)4/h7-15H2,1-6H3
InchiKey: MVDBTRGWTVVZAF-FBMGVBCBSA-N
Formula: C17H36N2
SMILES: CCCCCCCCCCN=C(N(C)C)C(C)(C)C
Mol. weight [g/mol]: 268.48

Physical Properties

Property code	Value	Unit	Source
hf	-263.00	kJ/mol	Joback Method
hvap	57.58	kJ/mol	Joback Method
log10ws	-4.93		Crippen Method
logp	5.133		Crippen Method
mcvol	266.050	ml/mol	McGowan Method
pc	1162.45	kPa	Joback Method
rinpol	1786.00		NIST Webbook
tb	674.13	K	Joback Method
tc	854.50	K	Joback Method

Sources

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=R162664&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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