N,N-Dimethyl-N'-propyl-pivalamidine

Inchi: InChI=1S/C10H22N2/c1-7-8-11-9(12(5)6)10(2,3)4/h7-8H2,1-6H3/b11-9+
InchiKey: VKSVQSLCBHCIJL-PKNBQFBNSA-N
Formula: C10H22N2
SMILES: CCCN=C(N(C)C)C(C)(C)C
Mol. weight [g/mol]: 170.30

Physical Properties

Property code	Value	Unit	Source
hf	-118.52	kJ/mol	Joback Method
hvap	42.00	kJ/mol	Joback Method
log10ws	-2.00		Crippen Method
logp	2.403		Crippen Method
mcvol	167.420	ml/mol	McGowan Method
pc	1956.14	kPa	Joback Method
rinpol	1093.00		NIST Webbook
tb	513.97	K	Joback Method
tc	706.75	K	Joback Method

Sources

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=R162793&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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