N,N-Dimethyl-N'-nonyl-propionamidine

Inchi: InChI=1S/C14H30N2/c1-5-7-8-9-10-11-12-13-15-14(6-2)16(3)4/h5-13H2,1-4H3
InchiKey: KOVLPGYCOAGVEZ-UHFFFAOYSA-N
Formula: C14H30N2
SMILES: CCCCCCCCCN=C(CC)N(C)C
Mol. weight [g/mol]: 226.40

Physical Properties

Property code	Value	Unit	Source
hf	-192.33	kJ/mol	Joback Method
hvap	52.20	kJ/mol	Joback Method
log10ws	-3.91		Crippen Method
logp	4.107		Crippen Method
mcvol	223.780	ml/mol	McGowan Method
pc	1409.07	kPa	Joback Method
rinpol	1652.00		NIST Webbook
rinpol	1652.00		NIST Webbook
tb	608.72	K	Joback Method
tc	784.39	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R162060&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