3,3-Dimethyl-1-propylformamidine

Other names: N,N-Dimethyl-N'-propyl-formamidine
Inchi: InChI=1S/C6H14N2/c1-4-5-7-6-8(2)3/h6H,4-5H2,1-3H3/b7-6+
InchiKey: PWLJQPKTYTWNRJ-VOTSOKGWSA-N
Formula: C6H14N2
SMILES: CCCN=CN(C)C
Mol. weight [g/mol]: 114.19

Physical Properties

Property code	Value	Unit	Source
hf	-17.42	kJ/mol	Joback Method
hvap	34.31	kJ/mol	Joback Method
log10ws	-0.56		Crippen Method
logp	0.986		Crippen Method
mcvol	111.060	ml/mol	McGowan Method
pc	2767.17	kPa	Joback Method
rinpol	864.00		NIST Webbook
tb	425.80	K	Joback Method
tc	611.49	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R118315&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