N''-Propyl-N,N,N',N'-tetramethyl -guanidine

Inchi: InChI=1S/C8H19N3/c1-6-7-9-8(10(2)3)11(4)5/h6-7H2,1-5H3
InchiKey: ONZXWZBWSBWVTJ-UHFFFAOYSA-N
Formula: C8H19N3
SMILES: CCCN=C(N(C)C)N(C)C
Mol. weight [g/mol]: 157.26

Physical Properties

Property code	Value	Unit	Source
hf	-0.96	kJ/mol	Joback Method
hvap	40.88	kJ/mol	Joback Method
log10ws	-0.47		Crippen Method
logp	0.876		Crippen Method
mcvol	149.220	ml/mol	McGowan Method
pc	2289.32	kPa	Joback Method
rinpol	997.00		NIST Webbook
rinpol	997.00		NIST Webbook
tb	483.88	K	Joback Method
tc	667.53	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=R153185&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