N''-Hexyl-N,N,N',N'-tetramethyl -guanidine

Inchi: InChI=1S/C11H25N3/c1-6-7-8-9-10-12-11(13(2)3)14(4)5/h6-10H2,1-5H3
InchiKey: RWCCDQPHAVOGRH-UHFFFAOYSA-N
Formula: C11H25N3
SMILES: CCCCCCN=C(N(C)C)N(C)C
Mol. weight [g/mol]: 199.34

Physical Properties

Property code	Value	Unit	Source
hf	-62.88	kJ/mol	Joback Method
hvap	47.56	kJ/mol	Joback Method
log10ws	-1.72		Crippen Method
logp	2.046		Crippen Method
mcvol	191.490	ml/mol	McGowan Method
pc	1768.38	kPa	Joback Method
rinpol	1352.00		NIST Webbook
tb	552.52	K	Joback Method
tc	730.80	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=R153130&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