1-Decanamine, N-isopropylidene

Inchi: InChI=1S/C13H27N/c1-4-5-6-7-8-9-10-11-12-14-13(2)3/h4-12H2,1-3H3
InchiKey: RDLRLMFHEHWNPO-UHFFFAOYSA-N
Formula: C13H27N
SMILES: CCCCCCCCCCN=C(C)C
Mol. weight [g/mol]: 197.36

Physical Properties

Property code	Value	Unit	Source
hf	-239.22	kJ/mol	Joback Method
hvap	47.93	kJ/mol	Joback Method
log10ws	-4.43		Crippen Method
logp	4.608		Crippen Method
mcvol	199.710	ml/mol	McGowan Method
pc	1518.75	kPa	Joback Method
rinpol	1442.00		NIST Webbook
rinpol	1442.00		NIST Webbook
tb	573.40	K	Joback Method
tc	751.94	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=R64813&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