1-Pentanamine, N-isopropylidene

Inchi: InChI=1S/C8H17N/c1-4-5-6-7-9-8(2)3/h4-7H2,1-3H3
InchiKey: DUVWJLFKZPBERD-UHFFFAOYSA-N
Formula: C8H17N
SMILES: CCCCCN=C(C)C
Mol. weight [g/mol]: 127.23

Physical Properties

Property code	Value	Unit	Source
hf	-136.02	kJ/mol	Joback Method
hvap	36.80	kJ/mol	Joback Method
log10ws	-2.34		Crippen Method
logp	2.657		Crippen Method
mcvol	129.260	ml/mol	McGowan Method
pc	2298.11	kPa	Joback Method
rinpol	960.00		NIST Webbook
rinpol	960.00		NIST Webbook
tb	459.00	K	Joback Method
tc	646.83	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=R65114&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