1-Pentanol, 5-amino, N-isopropylidene

Inchi: InChI=1S/C8H17NO/c1-8(2)9-6-4-3-5-7-10/h10H,3-7H2,1-2H3
InchiKey: MHLYHFGKKVYDIA-UHFFFAOYSA-N
Formula: C8H17NO
SMILES: CC(C)=NCCCCCO
Mol. weight [g/mol]: 143.23

Physical Properties

Property code	Value	Unit	Source
hf	-288.25	kJ/mol	Joback Method
hvap	53.48	kJ/mol	Joback Method
log10ws	-1.60		Crippen Method
logp	1.630		Crippen Method
mcvol	135.130	ml/mol	McGowan Method
pc	2515.07	kPa	Joback Method
rinpol	1219.00		NIST Webbook
tb	551.18	K	Joback Method
tc	729.99	K	Joback Method

Sources

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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R65128&Units=SI

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