

1-Heptanamine, N-isopropylidene

Inchi: InChI=1S/C10H21N/c1-4-5-6-7-8-9-11-10(2)3/h4-9H2,1-3H3
InchiKey: ZNFHQOFJBISMRC-UHFFFAOYSA-N
Formula: C10H21N
SMILES: CCCCCCN=C(C)C
Mol. weight [g/mol]: 155.28

Physical Properties

Property code	Value	Unit	Source
hf	-177.30	kJ/mol	Joback Method
hvap	41.25	kJ/mol	Joback Method
log10ws	-3.17		Crippen Method
logp	3.438		Crippen Method
mcvol	157.440	ml/mol	McGowan Method
pc	1927.05	kPa	Joback Method
rinpol	1145.00		NIST Webbook
rinpol	1145.00		NIST Webbook
tb	504.76	K	Joback Method
tc	688.68	K	Joback Method

Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R64934&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method: https://en.wikipedia.org/wiki/Joback_method

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

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