

(CH₃)₂N-CH=N-(n-hexyl)

Inchi:	InChI=1S/C9H20N2/c1-4-5-6-7-8-10-9-11(2)3/h9H,4-8H2,1-3H3
InchiKey:	LCVLTKREKPKYOA-UHFFFAOYSA-N
Formula:	C9H20N2
SMILES:	CCCCCCN=CN(C)C
Mol. weight [g/mol]:	156.27
CAS:	85599-94-6

Physical Properties

Property code	Value	Unit	Source
affp	1017.40	kJ/mol	NIST Webbook
basg	984.90	kJ/mol	NIST Webbook
hf	-79.34	kJ/mol	Joback Method
hvap	40.98	kJ/mol	Joback Method
log10ws	-1.82		Crippen Method
logp	2.157		Crippen Method
mcvol	153.330	ml/mol	McGowan Method
pc	2086.93	kPa	Joback Method
tb	494.44	K	Joback Method
tc	675.03	K	Joback Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C85599946&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
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

affp: Proton affinity

basg:	Gas basicity
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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature

Latest version available from:

<https://www.chemeo.com/cid/51-632-3/CH3-2N-CH-N-n-hexyl.pdf>

Generated by Cheméo on 2025-12-05 14:56:19.357980937 +0000 UTC m=+4694776.888021591.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.