

(CH₃)₂N-CH=N-(2-methoxyethyl)

Inchi:	InChI=1S/C6H14N2O/c1-8(2)6-7-4-5-9-3/h6H,4-5H2,1-3H3
InchiKey:	GEPVQAPOAJXZQB-UHFFFAOYSA-N
Formula:	C ₆ H ₁₄ N ₂ O
SMILES:	COCCN=CN(C)C
Mol. weight [g/mol]:	130.19
CAS:	134166-62-4

Physical Properties

Property code	Value	Unit	Source
affp	1018.90	kJ/mol	NIST Webbook
basg	986.40	kJ/mol	NIST Webbook
hf	-149.64	kJ/mol	Joback Method
hvap	36.72	kJ/mol	Joback Method
log10ws	0.35		Crippen Method
logp	0.223		Crippen Method
mcvol	116.930	ml/mol	McGowan Method
pc	2718.33	kPa	Joback Method
tb	448.22	K	Joback Method
tc	633.34	K	Joback Method

Sources

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=C134166624&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/42-767-4/CH3-2N-CH-N-2-methoxyethyl.pdf>

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