(CH3)2N-CH=N-(2-propynyl)

Inchi: InChI=1S/C6H10N2/c1-4-5-7-6-8(2)3/h1,6H,5H2,2-3H3
InchiKey: BEMWXGNRNTTZEM-UHFFFAOYSA-N
Formula: C6H10N2
SMILES: C#CCN=CN(C)C
Mol. weight [g/mol]: 110.16
CAS: 121508-72-3

Physical Properties

Property code	Value	Unit	Source
affp	993.10	kJ/mol	NIST Webbook
basg	960.70	kJ/mol	NIST Webbook
hf	274.48	kJ/mol	Joback Method
hvap	34.17	kJ/mol	Joback Method
log10ws	-0.36		Crippen Method
logp	0.210		Crippen Method
mcvol	102.460	ml/mol	McGowan Method
pc	3254.14	kPa	Joback Method
tb	415.92	K	Joback Method
tc	615.37	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C121508723&Units=SI
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

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