(CH3)2N-CH=N-phenyl

Inchi: InChI=1S/C9H12N2/c1-11(2)8-10-9-6-4-3-5-7-9/h3-8H,1-2H3/b10-8+
InchiKey: SRPCLECGIYMIMN-CSKARUKUSA-N
Formula: C9H12N2
SMILES: CN(C)C=Nc1ccccc1
Mol. weight [g/mol]: 148.21
CAS: 56687-95-7

Physical Properties

Property code	Value	Unit	Source
affp	983.80	kJ/mol	NIST Webbook
basg	951.30	kJ/mol	NIST Webbook
hf	157.19	kJ/mol	Joback Method
hvap	43.26	kJ/mol	Joback Method
log10ws	-1.52		Crippen Method
logp	1.908		Crippen Method
mcvol	129.570	ml/mol	McGowan Method
pc	2896.73	kPa	Joback Method
tb	521.12	K	Joback Method
tc	745.87	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C56687957&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

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