(CH3)2NC(CH3)=N(1-Ad)

Inchi: InChI=1S/C14H24N2/c1-10(16(2)3)15-14-7-11-4-12(8-14)6-13(5-11)9-14/h11-13H,4-9H2
InchiKey: PCFNWSBPMPVSMA-GDNBJRDFSA-N
Formula: C14H24N2
SMILES: CC(=NC12CC3CC(CC(C3)C1)C2)N(C)C
Mol. weight [g/mol]: 220.35
CAS: 151328-46-0

Physical Properties

Property code	Value	Unit	Source
affp	1050.80	kJ/mol	NIST Webbook
basg	1018.40	kJ/mol	NIST Webbook
hf	14.81	kJ/mol	Joback Method
hvap	50.65	kJ/mol	Joback Method
log10ws	-2.98		Crippen Method
logp	2.935		Crippen Method
mcvol	191.200	ml/mol	McGowan Method
pc	1998.33	kPa	Joback Method
tb	628.78	K	Joback Method
tc	855.01	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C151328460&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

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