(CH3)2N-CH=N-OCH3

Inchi: InChI=1S/C4H10N2O/c1-6(2)4-5-7-3/h4H,1-3H3
InchiKey: WQQNPNSPGGOSPV-UHFFFAOYSA-N
Formula: C4H10N2O
SMILES: CON=CN(C)C
Mol. weight [g/mol]: 102.14
CAS: 139033-03-7

Physical Properties

Property code	Value	Unit	Source
affp	948.30	kJ/mol	NIST Webbook
basg	915.80	kJ/mol	NIST Webbook
hf	-108.36	kJ/mol	Joback Method
hvap	32.27	kJ/mol	Joback Method
log10ws	0.20		Crippen Method
logp	0.138		Crippen Method
mcvol	88.750	ml/mol	McGowan Method
pc	3356.75	kPa	Joback Method
tb	402.46	K	Joback Method
tc	590.72	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C139033037&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