(CH3)2N-C(CH3)=N(CH2)2OCH3

Inchi: InChI=1S/C7H16N2O/c1-7(9(2)3)8-5-6-10-4/h5-6H2,1-4H3
InchiKey: OPYVKZFICZKAAF-UHFFFAOYSA-N
Formula: C7H16N2O
SMILES: COCCN=C(C)N(C)C
Mol. weight [g/mol]: 144.21
CAS: 151328-41-5

Physical Properties

Property code	Value	Unit	Source
affp	1036.20	kJ/mol	NIST Webbook
basg	1003.80	kJ/mol	NIST Webbook
hf	-180.07	kJ/mol	Joback Method
hvap	39.02	kJ/mol	Joback Method
log10ws	-0.07		Crippen Method
logp	0.613		Crippen Method
mcvol	131.020	ml/mol	McGowan Method
pc	2477.65	kPa	Joback Method
tb	470.98	K	Joback Method
tc	657.73	K	Joback Method

Sources

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=C151328415&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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