2-Propanamine, N,N'-1,2-ethanediylidenebis-

Other names: Ethanediimine, N,N'-diisopropyl-
Inchi: InChI=1S/C8H16N2/c1-7(2)9-5-6-10-8(3)4/h5-8H,1-4H3
InchiKey: DTJSYSWZBHHPJA-UHFFFAOYSA-N
Formula: C8H16N2
SMILES: CC(C)N=CC=NC(C)C
Mol. weight [g/mol]: 140.23
CAS: 24764-90-7

Physical Properties

Property code	Value	Unit	Source
hf	-54.57	kJ/mol	Joback Method
hvap	39.25	kJ/mol	Joback Method
ie	8.90	eV	NIST Webbook
log10ws	-1.72		Crippen Method
logp	1.945		Crippen Method
mcvol	134.940	ml/mol	McGowan Method
pc	2104.20	kPa	Joback Method
tb	534.92	K	Joback Method
tc	746.43	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C24764907&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

hf: Enthalpy of formation at standard conditions

hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
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