Urea, 1,1'-ethylenebis[3-methyl-3-nitroso-

Inchi: InChI=1S/C6H12N6O4/c1-11(9-15)5(13)7-3-4-8-6(14)12(2)10-16/h3-4H2,1-2H3,(H,7,13)(
InchiKey: QLFRMUDSTKSSSA-UHFFFAOYSA-N
Formula: C6H12N6O4
SMILES: CN(N=O)C(=O)NCCNC(=O)N(C)N=O
Mol. weight [g/mol]: 232.20
CAS: 67084-43-9

Physical Properties

Property code	Value	Unit	Source
hf	-486.71	kJ/mol	Joback Method
hvap	77.59	kJ/mol	Joback Method
log10ws	-1.73		Crippen Method
logp	-0.368		Crippen Method
mcvol	161.560	ml/mol	McGowan Method
pc	3534.66	kPa	Joback Method
tb	696.44	K	Joback Method
tc	883.19	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C67084439&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

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