Biuret, 1,5-bis(2-chloroethyl)-1-nitroso-

Inchi: InChI=1S/C6H10Cl2N4O3/c7-1-3-9-5(13)10-6(14)12(11-15)4-2-8/h1-4H2,(H2,9,10,13,14
InchiKey: KEUPEGWEPJSQDJ-UHFFFAOYSA-N
Formula: C6H10Cl2N4O3
SMILES: O=NN(CCCl)C(O)=NC(O)=NCCCl
Mol. weight [g/mol]: 257.07
CAS: 13857-12-0

Physical Properties

Property code	Value	Unit	Source
hf	-458.91	kJ/mol	Joback Method
hvap	89.01	kJ/mol	Joback Method
log10ws	-1.35		Crippen Method
logp	1.275		Crippen Method
mcvol	164.510	ml/mol	McGowan Method
pc	2758.46	kPa	Joback Method
tb	824.86	K	Joback Method
tc	1024.11	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C13857120&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