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

Inchi: InChI=1S/C5H9ClN4O3/c1-10(9-13)5(12)8-4(11)7-3-2-6/h2-3H2,1H3,(H2,7,8,11,12)
InchiKey: FTHZEGJUANZMRJ-UHFFFAOYSA-N
Formula: C5H9ClN4O3
SMILES: CN(N=O)C(=O)NC(=O)NCCCl
Mol. weight [g/mol]: 208.60
CAS: 13857-11-9

Physical Properties

Property code	Value	Unit	Source
hf	-381.15	kJ/mol	Joback Method
hvap	68.61	kJ/mol	Joback Method
log10ws	-1.71		Crippen Method
logp	0.258		Crippen Method
mcvol	138.180	ml/mol	McGowan Method
pc	3891.64	kPa	Joback Method
tb	635.15	K	Joback Method
tc	830.65	K	Joback Method

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C13857119&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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