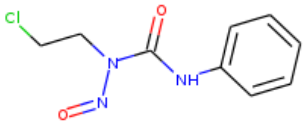
Urea, 1-(2-chloroethyl)-1-nitroso-3-phenyl-

InChI: InChI=1S/C9H10ClN3O2/c10-6-7-13(12-15)9(14)11-8-4-2-1-3-5-8/h1-5H,6-7H2,(H,11,14)
InChI Key: NTFJBCLCDARIRQ-UHFFFAOYSA-N
Formula: C9H10ClN3O2
SMILES: O=NN(CCCl)C(=O)Nc1ccccc1
Molecular Weight: 227.65
CAS: 13206-67-2



Physical Properties

Property	Value	Unit	Source
$\Delta_f H°_{gas}$	-168.07	kJ/mol	Joback Method
$\Delta_{vap} H°$	66.61	kJ/mol	Joback Method
$logP_{oct/wat}$	2.44		Crippen Method
P_c	3333.53	kPa	Joback Method
T_{boil}	649.31	K	Joback Method
T_c	863.52	K	Joback Method

Sources

Joback Method: https://en.wikipedia.org/wiki/Joback_method
NIST Webbook: http://webbook.nist.gov/cgi/inchi/InChI=1S/C9H10ClN3O2/c10-6-7-13(12-15)9(14)11-8-4-2-1-3-5-8/h1-5H,6-7H2,(H,11,14)
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

$\Delta_f H°_{gas}$: Enthalpy of formation at standard conditions (kJ/mol).
$\Delta_{vap} H°$: Enthalpy of vaporization at standard conditions (kJ/mol).
$logP_{oct/wat}$: Octanol/Water partition coefficient .
P_c: Critical Pressure (kPa).
T_{boil}: Normal Boiling Point Temperature (K).

T_c: Critical Temperature (K).