Ornithine dihydrochloride

Other names: Ornithine dihydrochloride
Inchi: InChI=1S/C5H12N2O2.2ClH/c6-3-1-2-4(7)5(8)9;;/h4H,1-3,6-7H2,(H,8,9);2*1H/t4-;;/m0../s
InchiKey: HGBAVEGDXFHRQP-RZFWHQLPSA-N
Formula: C5H14Cl2N2O2
SMILES: Cl.Cl.NCCC[C@H](N)C(=O)O
Mol. weight [g/mol]: 205.09

Physical Properties

Property code	Value	Unit	Source
hf	-505.71	kJ/mol	Cheméo Relay (1.0)
ie	9.77	eV	Cheméo Relay (1.0)
log10ws	-0.96		Cheméo Relay (1.0)
ss	293.93	J/mol×K	NIST Webbook
tf	531.94	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	238.36	J/mol×K	292.80	NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C6211161&Units=SI
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):

Legend

cps:	Solid phase heat capacity
hf:	Enthalpy of formation at standard conditions
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
ss:	Solid phase molar entropy at standard conditions
tf:	Normal melting (fusion) point