

# Glutamic acid, hydrochloride

<b>Inchi:</b>	InChI=1S/C5H9NO4.ClH/c6-3(5(9)10)1-2-4(7)8;/h3H,1-2,6H2,(H,7,8)(H,9,10);1H/t3-;/m1.
<b>InchiKey:</b>	RPAJSBKBKSSMLJ-AENDTGMFSA-N
<b>Formula:</b>	C5H10ClNO4
<b>SMILES:</b>	[Cl-].[NH3+]C(CCC(=O)O)C(=O)O
<b>Mol. weight [g/mol]:</b>	183.59
<b>CAS:</b>	138-15-8

## Physical Properties

Property code	Value	Unit	Source
ss	248.24	J/molxK	NIST Webbook

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	208.49	J/molxK	296.80	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C138158&Units=SI>

## Legend

**cps:** Solid phase heat capacity  
**ss:** Solid phase molar entropy at standard conditions

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