

Semicarbazide, hydrochloride

Other names:	aminourea hydrochloride hydrazinecarboxamide hydrochloride semicarbazide hydrochloride
Inchi:	InChI=1S/CH5N3O.ClH/c2-1(5)4-3;/h3H2,(H3,2,4,5);1H
InchiKey:	XHQYBDSXTDXSHY-UHFFFAOYSA-N
Formula:	CH6ClN3O
SMILES:	NNC([NH3+])=O.[Cl-]
Mol. weight [g/mol]:	111.53
CAS:	563-41-7

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	143.50	J/mol×K	323.00	NIST Webbook

Sources

Effect of concentration and temperature on apparent molar properties of homologous alpha-amino acids in aqueous-semicarbazide hydrochloride solutions: A quest on the concept of kosmotropic/chaotropic behaviour of amino acids: <https://www.doi.org/10.1016/j.jct.2019.03.011>
NIST Webbook <http://webbook.nist.gov/cgi/cbook.cgi?ID=C563417&Units=SI>

Legend

cps: Solid phase heat capacity

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