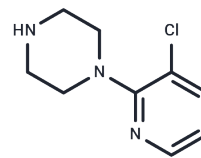


## 1-(3-chloropyridin-2-yl)piperazine 2HCl

## Chemical Properties

CAS No. :	1193389-39-7
Formula:	C <sub>9</sub> H <sub>14</sub> Cl <sub>3</sub> N <sub>3</sub>
Molecular Weight:	270.587
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

HCl HCl



## Biological Description

Description	1-(3-chloropyridin-2-yl)piperazine dihydrochloride is a piperazine analog often used as a reagent in organic synthesis, as a ligand in coordination chemistry, and as a drug in pharmaceuticals. It is an inhibitor of DPP4, and DPP4 inhibition has been shown to have beneficial effects in the treatment of certain diseases such as type 2 diabetes and obesity.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 55 mg/mL (203.26 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6956 mL	18.4781 mL	36.9563 mL
5 mM	0.7391 mL	3.6956 mL	7.3913 mL
10 mM	0.3696 mL	1.8478 mL	3.6956 mL
50 mM	0.0739 mL	0.3696 mL	0.7391 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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