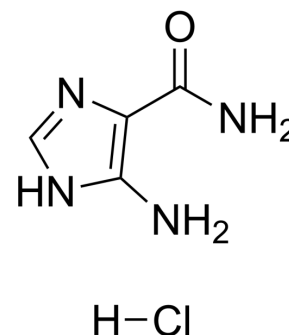


## 5-Amino-3H-imidazole-4-carboxamide hydrochloride

Cat. No.:	HY-41461A		
CAS No.:	72-40-2		
Molecular Formula:	C <sub>4</sub> H <sub>7</sub> ClN <sub>4</sub> O		
Molecular Weight:	162.58		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : ≥ 83 mg/mL (510.52 mM)  
 \* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration			
	1 mM	6.1508 mL	30.7541 mL	61.5082 mL
	5 mM	1.2302 mL	6.1508 mL	12.3016 mL
	10 mM	0.6151 mL	3.0754 mL	6.1508 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

5-Amino-3H-imidazole-4-carboxamide hydrochloride is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

### CUSTOMER VALIDATION

- Research Square Preprint. 2021 Aug.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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