

## 2-Aminopurine dihydrochloride

## Chemical Properties

CAS No. : 1428126-74-2

HCl HCl

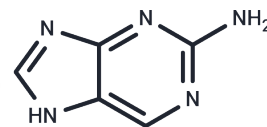
Formula: C<sub>5</sub>H<sub>7</sub>Cl<sub>2</sub>N<sub>5</sub>

Molecular Weight: 208.05

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	2-Aminopurine dihydrochloride, a fluorescent analog of guanosine, serves as a fluorescence probe for analyzing nucleic acid structure and dynamics. When incorporated into DNA, it exhibits quenched fluorescence [1] [2]. For storage, it should be protected from light.
Targets(IC50)	Others, Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8065 mL	24.0327 mL	48.0654 mL
5 mM	0.9613 mL	4.8065 mL	9.6131 mL
10 mM	0.4807 mL	2.4033 mL	4.8065 mL
50 mM	0.0961 mL	0.4807 mL	0.9613 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

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