

(NH<sub>2</sub>)<sub>2</sub>bpy

## Chemical Properties

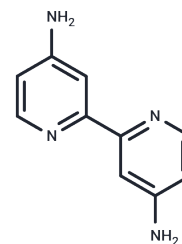
CAS No. : 18511-69-8

Formula: C<sub>10</sub>H<sub>10</sub>N<sub>4</sub>

Molecular Weight: 186.2132

Storage: Keep away from direct sunlight, Store under nitrogen  
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

(NH<sub>2</sub>)<sub>2</sub>bpy (4,4'-Diamino-2,2'-bipyridine) is an organic compound frequently used as a catalyst and coordination agent. It can form complexes with other metal ions or organic molecules and serves a catalytic role in certain organic synthesis reactions. Furthermore, this compound is widely employed in various chemical analysis and detection methods, such as in bioanalysis and electrochemical analysis.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3703 mL	26.8514 mL	53.7028 mL
5 mM	1.0741 mL	5.3703 mL	10.7406 mL
10 mM	0.537 mL	2.6851 mL	5.3703 mL
50 mM	0.1074 mL	0.537 mL	1.0741 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

Tel: 781-999-4286

E\_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481