

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

## Chemical Properties

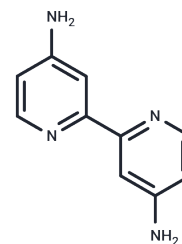
CAS No. : 18511-69-8

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

Molecular Weight: 186.213

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

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