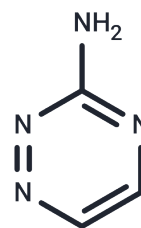


## 3-AMINO-1,2,4-TRIAZINE

## Chemical Properties

CAS No. :	1120-99-6
Formula:	C <sub>3</sub> H <sub>4</sub> N <sub>4</sub>
Molecular Weight:	96.09
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	3-AMINO-1,2,4-TRIAZINE is an aromatic bioactive compound. It has been used to synthesize a variety of drugs, including the antifungal drug fluconazole, the anti-inflammatory drug ibuprofen and the anticancer drug paclitaxel. It has also been used in the design of new drugs, such as the anti-AIDS drug zidovudine and the anti-malarial drug artemisinin.
Targets(IC50)	Others,NO Synthase

## Solubility Information

Solubility	DMSO: 30 mg/mL (312.21 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (20.81 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

### Preparing Stock Solutions

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	<b>1mg</b>	<b>5mg</b>	<b>10mg</b>
1 mM	10.4069 mL	52.0346 mL	104.0691 mL
5 mM	2.0814 mL	10.4069 mL	20.8138 mL
10 mM	1.0407 mL	5.2035 mL	10.4069 mL
50 mM	0.2081 mL	1.0407 mL	2.0814 mL

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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.

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