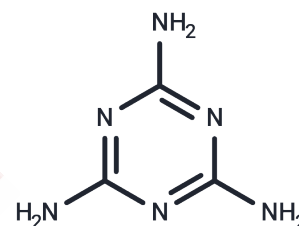


Melamine

Chemical Properties

CAS No. :	108-78-1
Formula:	C ₃ H ₆ N ₆
Molecular Weight:	126.12
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	Melamine (Cyanurotriamide) is a widely-used intermediate, mainly employed as a raw material for producing melamine resin. It is also a metabolite of cyromazine formed in the body of mammals who have ingested cyromazine.
Targets(IC50)	Apoptosis,Others,NF-κB,COX,Drug Metabolite,NADPH,ROS Kinase,TGF-beta/Smad

Solubility Information

Solubility	DMSO: 16.67 mg/mL (132.18 mM),Sonication is recommended. H ₂ O: 20 mg/mL (158.58 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: 1 mg/mL (7.93 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

	1mg	5mg	10mg
1 mM	7.929 mL	39.6448 mL	79.2896 mL
5 mM	1.5858 mL	7.929 mL	15.8579 mL
10 mM	0.7929 mL	3.9645 mL	7.929 mL
50 mM	0.1586 mL	0.7929 mL	1.5858 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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