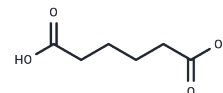


## Piperazine adipate

## Chemical Properties

CAS No. :	142-88-1
Formula:	C10H20N2O4
Molecular Weight:	232.28
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	Piperazine adipate (Piperazine adipate) is a highly effective broad-spectrum anthelmintic that works by causing paralysis in parasitic worms.
Targets(IC50)	Parasite

## Solubility Information

Solubility	H2O: 14.29 mg/mL (61.52 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3051 mL	21.5257 mL	43.0515 mL
5 mM	0.861 mL	4.3051 mL	8.6103 mL
10 mM	0.4305 mL	2.1526 mL	4.3051 mL
50 mM	0.0861 mL	0.4305 mL	0.861 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.

## Reference

Sharma R K , Singh K , Saxena K K . Effect of parbendazole and piperazine adipate on the activity of some enzymes of *Ascaridia galli* and *Heterakis gallinae*[J]. Veterinary Parasitology, 1987, 24(3-4):211-220.

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