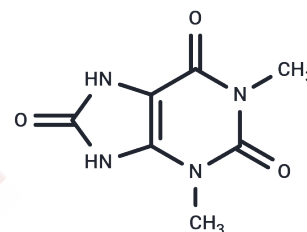


## 1,3-Dimethyluric acid

## Chemical Properties

CAS No. :	944-73-0
Formula:	C7H8N4O3
Molecular Weight:	196.16
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	1,3-Dimethyluric acid, a product of theophylline metabolism in man, is one of the purine components in urinary calculi.
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	H2O: < 1 mg/mL (insoluble or slightly soluble) DMSO: 1.97 mg/mL (10.04 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	5.0979 mL	25.4894 mL	50.9788 mL
5 mM	1.0196 mL	5.0979 mL	10.1958 mL
10 mM	0.5098 mL	2.5489 mL	5.0979 mL
50 mM	0.102 mL	0.5098 mL	1.0196 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.

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