

## 5-Hydroxyisourate

## Chemical Properties

CAS No. :	6960-30-1
Formula:	C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	184.11
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	5-Hydroxyisourate is an oxidation product of uric acid and can be catalyzed by 5-hydroxyisourate hydrolase to convert into [2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline].
Targets(IC50)	Nucleoside Antimetabolite/Analog

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4315 mL	27.1577 mL	54.3154 mL
5 mM	1.0863 mL	5.4315 mL	10.8631 mL
10 mM	0.5432 mL	2.7158 mL	5.4315 mL
50 mM	0.1086 mL	0.5432 mL	1.0863 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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