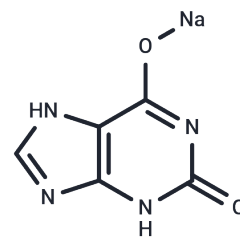


## Xanthine (sodium)

## Chemical Properties

CAS No. :	1196-43-6
Formula:	C <sub>5</sub> H <sub>3</sub> N <sub>4</sub> NaO <sub>2</sub>
Molecular Weight:	174.09
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	Xanthine sodium, 98%, is a plant alkaloid found in tea, coffee, and cocoa, functioning as a mild central nervous system stimulant. Additionally, it serves as an intermediate product in the purine degradation pathway.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7442 mL	28.7208 mL	57.4416 mL
5 mM	1.1488 mL	5.7442 mL	11.4883 mL
10 mM	0.5744 mL	2.8721 mL	5.7442 mL
50 mM	0.1149 mL	0.5744 mL	1.1488 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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