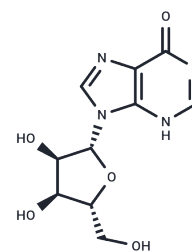


Inosine (Standard)

Chemical Properties

CAS No. :	58-63-9
Formula:	C ₁₀ H ₁₂ N ₄ O ₅
Molecular Weight:	268.23
Storage:	Keep away from direct sunlight Store at -80°C <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Inosine (Standard) is a reference standard for inosine, suitable for quantitative analysis, quality control, and biochemical experiments. Inosine is an endogenous purine nucleoside produced by the catabolism of adenosine. It acts as an agonist for adenosine receptors and can be used in studies of inflammation, immunity, and
Targets(IC50)	Endogenous Metabolite, Adenosine Receptor, ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7281 mL	18.6407 mL	37.2814 mL
5 mM	0.7456 mL	3.7281 mL	7.4563 mL
10 mM	0.3728 mL	1.8641 mL	3.7281 mL
50 mM	0.0746 mL	0.3728 mL	0.7456 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

Fujimoto K, et al. Medicinal flowers. XXXVIII. structures of acylated sucroses and inhibitory effects of constituents on aldose reductase from the flower buds of Prunus mume. Chem Pharm Bull (Tokyo). 2013;61(4):445-451.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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