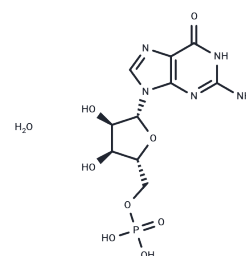


5'-Guanylic acid (Standard)

Chemical Properties

CAS No. :	85-32-5
Formula:	C10H14N5O8P
Molecular Weight:	363.22
Storage:	Store at -80°C <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	5'-Guanylic acid (Standard) is the standard substance of 5'-Guanylic acid, and it is applicable for quantitative analysis, quality control, and related research in biochemical experiments. 5'-Guanylic acid (5'-guanosine monophosphate) is involved in several metabolic disorders, including AICA-ribosiduria pathway, adenosine deaminase deficiency, adenine phosphoribosyltransferase deficiency (aprt), and the 2-hydroxyglutric aciduria pathway.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7532 mL	13.7658 mL	27.5315 mL
5 mM	0.5506 mL	2.7532 mL	5.5063 mL
10 mM	0.2753 mL	1.3766 mL	2.7532 mL
50 mM	0.0551 mL	0.2753 mL	0.5506 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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