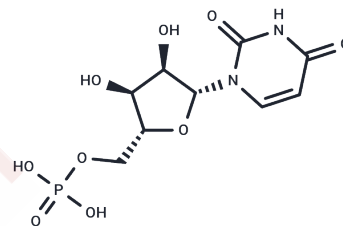


Uridine 5'-monophosphate (Standard)

Chemical Properties

CAS No. :	58-97-9
Formula:	C ₉ H ₁₃ N ₂ O ₉ P
Molecular Weight:	324.18
Storage:	Store at -80°C <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Uridine 5'-monophosphate (Standard) is the standard substance of Uridine 5'-monophosphate, and it is applicable for quantitative analysis, quality control, and related research in biochemical experiments. 5'-Uridylic acid. A uracil nucleotide containing one phosphate group esterified to the sugar moiety in the 2', 3' or 5' position. Uridine 5'-monophosphate (Uridylic acid) is a nucleotide that is found in RNA. It is an ester of phosphoric acid with the nucleoside uridine. UMP consists of the phosphate group, the pentose sugar ribose, and the nucleobase uracil.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0847 mL	15.4235 mL	30.8471 mL
5 mM	0.6169 mL	3.0847 mL	6.1694 mL
10 mM	0.3085 mL	1.5424 mL	3.0847 mL
50 mM	0.0617 mL	0.3085 mL	0.6169 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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