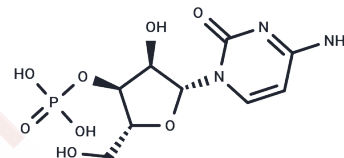


Cytidine 3'-monophosphate

Chemical Properties

CAS No. :	84-52-6
Formula:	C ₉ H ₁₄ N ₃ O ₈ P
Molecular Weight:	323.20
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	Cytidine 3'-monophosphate is a ribonucleotide generated through the hydrolysis of cytidine 2',3'-cyclic monophosphate by RNase, and Cytidine 3'-monophosphate itself inhibits this process. Cytidine 3'-monophosphate can also be dephosphorylated to cytidine by 3'-nucleotidase. The biochemical functions of Cytidine 3'-monophosphate support the use of Cytidine 3'-monophosphate in studies of RNA metabolism, nucleotide turnover, enzymatic regulation, and nucleic acid biochemistry.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0941 mL	15.4703 mL	30.9406 mL
5 mM	0.6188 mL	3.0941 mL	6.1881 mL
10 mM	0.3094 mL	1.547 mL	3.0941 mL
50 mM	0.0619 mL	0.3094 mL	0.6188 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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