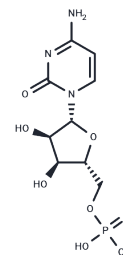


Cytidine 5'-monophosphate

Chemical Properties

CAS No. :	63-37-6
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 5'-monophosphate (5'-Cytidylic acid) is a nucleotide integral to RNA, comprising the nucleobase cytosine, pentose ribose, and phosphate groups.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: 7.35 mg/mL (22.74 mM), Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

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.

Reference

- Parrou, J., et al.: Anal. Biochem., 248, 186 (1997)
- Phipps, A., et al.: Xenobiotica, 28, 527 (1998)
- Mohler, R., et al.: Anal. Chem., 78, 2700 (2006)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481