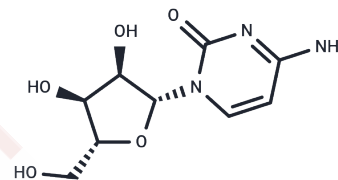


## Cytidine (Standard)

## Chemical Properties

CAS No. :	65-46-3
Formula:	C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	243.22
Storage:	Store at -80°C Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Cytidine (Standard) is the standard substance of Cytidine, and it is applicable for quantitative analysis, quality control, and related research in biochemical experiments. Cytidine (Cytosine-1-β-D-ribofuranoside) is a pyrimidine nucleoside comprised of a cytosine bound to ribose via a beta-N1-glycosidic bond. Cytidine is a precursor for uridine. Both cytidine and uridine are utilized in RNA synthesis.
Targets(IC50)	Nucleoside Antimetabolite/Analog, Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1115 mL	20.5575 mL	41.115 mL
5 mM	0.8223 mL	4.1115 mL	8.223 mL
10 mM	0.4112 mL	2.0558 mL	4.1115 mL
50 mM	0.0822 mL	0.4112 mL	0.8223 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481