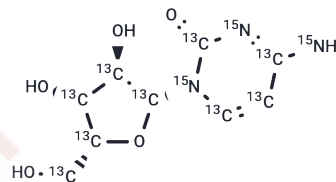


## Cytidine-13C9,15N3

## Chemical Properties

CAS No. :	202406-79-9
Formula:	C9H13N3O5
Molecular Weight:	255.13
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-13C9,15N3 is a form of Cytidine (TMSM-0844) labeled with 13C and 15N isotopes. As a pyrimidine nucleoside, cytidine is a component of RNA and serves as a precursor to uridine. It regulates the astroglial glutamate cycle, influences brain phospholipid metabolism, catecholamine synthesis, and mitochondrial function.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9196 mL	19.5979 mL	39.1957 mL
5 mM	0.7839 mL	3.9196 mL	7.8391 mL
10 mM	0.392 mL	1.9598 mL	3.9196 mL
50 mM	0.0784 mL	0.392 mL	0.7839 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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