

## 5'(R)-C-Methyl-5-fluorouridine

## Chemical Properties

CAS No. :

Formula: C10H13FN2O6

Molecular Weight: 276.22

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	5'(R)-C-Methyl-5-fluorouridine, a uridine analogue, potentially exhibits antiepileptic properties. Its analogues play a crucial role in researching anticonvulsant and anxiolytic effects and are essential in developing new antihypertensive agents [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6203 mL	18.1015 mL	36.203 mL
5 mM	0.7241 mL	3.6203 mL	7.2406 mL
10 mM	0.362 mL	1.8102 mL	3.6203 mL
50 mM	0.0724 mL	0.362 mL	0.7241 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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