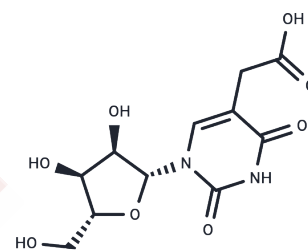


Uridine-5-acetic acid

Chemical Properties

CAS No. :	20964-06-1
Formula:	C ₁₁ H ₁₄ N ₂ O ₈
Molecular Weight:	302.24
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	Uridine-5-acetic acid (5-Carboxymethyluridine) is a nucleoside formed during yeast and wheat embryo transfer RNA processes, which can be used for cell labeling and tracking DNA synthesis.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3086 mL	16.5431 mL	33.0863 mL
5 mM	0.6617 mL	3.3086 mL	6.6173 mL
10 mM	0.3309 mL	1.6543 mL	3.3086 mL
50 mM	0.0662 mL	0.3309 mL	0.6617 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

Cavanagh BL, et al. Thymidine analogues for tracking DNA synthesis. *Molecules*. 2011 Sep 15;16(9):7980-93.

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