

## Uridine triphosphate 13C9,15N2 sodium

## Chemical Properties

CAS No. : 285978-18-9

Formula: 13C9 H14 15N2 NaO15P3

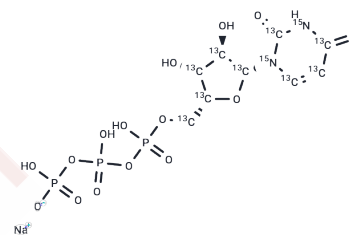
Molecular Weight: 517.04

Keep away from moisture, Keep away from direct sunlight

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 triphosphate 13C9,15N2 sodium is an isotopically labeled Uridine triphosphate sodium (T8393) that can be used for isotope tracing. Uridine triphosphate (UTP) is a key in RNA synthesis molecule that serves as a substrate for RNA polymerase during transcription.
Targets(IC50)	Nucleoside Antimetabolite/Analog, DNA/RNA Synthesis

## Solubility Information

Solubility	H2O: 40 mg/mL (77.36 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9341 mL	9.6704 mL	19.3409 mL
5 mM	0.3868 mL	1.9341 mL	3.8682 mL
10 mM	0.1934 mL	0.967 mL	1.9341 mL
50 mM	0.0387 mL	0.1934 mL	0.3868 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**

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