

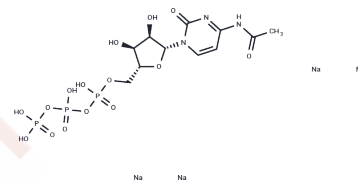
## N4-Acetylcytidine triphosphate sodium

## Chemical Properties

CAS No. : 2803886-33-9

Formula: C<sub>11</sub>H<sub>18</sub>N<sub>3</sub>Na<sub>4</sub>O<sub>15</sub>P<sub>3</sub>

Molecular Weight: 617.15

Storage: Powder: -20°C for 3 years  
Actual storage temperature shall be subject to the COA.

## Biological Description

Description	N4-Acetylcytidine triphosphate sodium is an efficient substrate for T7 Polymerase-catalyzed in vitro transcription.
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	H <sub>2</sub> O: 250 mg/mL (405.09 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6204 mL	8.1018 mL	16.2035 mL
5 mM	0.3241 mL	1.6204 mL	3.2407 mL
10 mM	0.162 mL	0.8102 mL	1.6204 mL
50 mM	0.0324 mL	0.162 mL	0.3241 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

Sinclair WR, et al. Profiling Cytidine Acetylation with Specific Affinity and Reactivity. ACS Chem Biol. 2017 Dec 15;12(12):2922-2926.

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