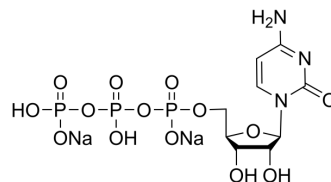


Cytidine-5'-triphosphate disodium

Cat. No.:	HY-W013100
CAS No.:	36051-68-0
Molecular Formula:	C ₉ H ₁₄ N ₃ Na ₂ O ₁₄ P ₃
Molecular Weight:	527.12
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 125 mg/mL (237.14 mM; Need ultrasonic)					
	DMSO : < 1 mg/mL (ultrasonic;warming;heat to 80°C) (insoluble or slightly soluble)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.8971 mL	9.4855 mL	18.9710 mL
5 mM			0.3794 mL	1.8971 mL	3.7942 mL	
	10 mM		0.1897 mL	0.9486 mL	1.8971 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (189.71 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Cytidine-5'-triphosphate disodium is an endogenous metabolite.	
IC₅₀ & Target	Human Endogenous Metabolite	Human Endogenous Metabolite

CUSTOMER VALIDATION

- Anal Chim Acta. 18 October 2021, 339180.
- Exp Hematol Oncol. 2023 Jan 12;12(1):6.

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Caution: Product has not been fully validated for medical applications. For research use only.

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