



# SZABO SCANDIC

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Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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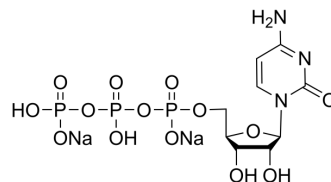
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## Cytidine-5'-triphosphate disodium

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



### SOLVENT & SOLUBILITY

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

### BIOLOGICAL ACTIVITY

<b>Description</b>	Cytidine-5'-triphosphate disodium is an endogenous metabolite.	
<b>IC<sub>50</sub> &amp; Target</b>	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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See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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

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