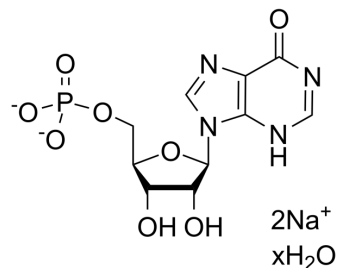


## Inosinic acid (disodium)(hydrate)(1:2:X)

<b>Cat. No.:</b>	HY-108213A
<b>CAS No.:</b>	352195-40-5
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>11</sub> N <sub>4</sub> Na <sub>2</sub> O <sub>8</sub> P
<b>Molecular Weight:</b>	392.17
<b>Target:</b>	Endogenous Metabolite
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	4°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 : 250 mg/mL (637.48 mM; Need ultrasonic)					
	DMSO : 1 mg/mL (2.55 mM; ultrasonic and warming and heat to 80°C)					
	<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>		2.5499 mL	12.7496 mL	25.4991 mL
<b>5 mM</b>			0.5100 mL	2.5499 mL	5.0998 mL	
<b>10 mM</b>		0.2550 mL	1.2750 mL	2.5499 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: 50 mg/mL (127.50 mM); Clear solution; Need ultrasonic					

### BIOLOGICAL ACTIVITY

<b>Description</b>	Inosinic acid (disodium)(hydrate)(1:2:X) (5'-IMP (disodium)(hydrate)(1:2:X)) is an endogenous metabolite.	
<b>IC<sub>50</sub> &amp; Target</b>	Human Endogenous Metabolite	Microbial Metabolite

### CUSTOMER VALIDATION

- Mol Ther Oncolytics. 28 August 2021.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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

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