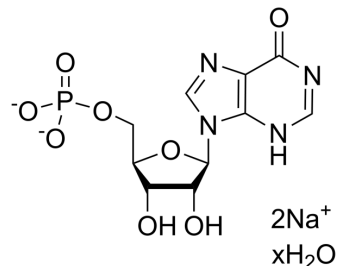


Inosinic acid (disodium)(hydrate)(1:2:X)

Cat. No.:	HY-108213A
CAS No.:	352195-40-5
Molecular Formula:	C ₁₀ H ₁₁ N ₄ Na ₂ O ₈ P
Molecular Weight:	392.17
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°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 : 250 mg/mL (637.48 mM; Need ultrasonic)					
	DMSO : 1 mg/mL (2.55 mM; ultrasonic and warming and heat to 80°C)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		2.5499 mL	12.7496 mL	25.4991 mL
5 mM			0.5100 mL	2.5499 mL	5.0998 mL	
	10 mM		0.2550 mL	1.2750 mL	2.5499 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (127.50 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Inosinic acid (disodium)(hydrate)(1:2:X) (5'-IMP (disodium)(hydrate)(1:2:X)) is an endogenous metabolite.	
IC₅₀ & Target	Human Endogenous Metabolite	Microbial Metabolite

CUSTOMER VALIDATION

- Mol Ther Oncolytics. 28 August 2021.

See more customer validations on www.MedChemExpress.com

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

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