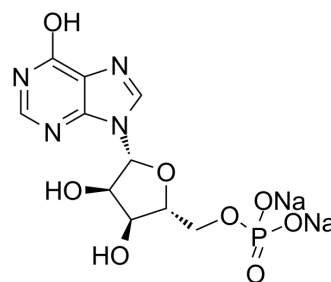


Disodium 5'-inosinate

Cat. No.:	HY-D0887
CAS No.:	4691-65-0
Molecular Formula:	C ₁₀ H ₁₁ N ₄ Na ₂ O ₈ P
Molecular Weight:	392.17
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 250 mg/mL (637.48 mM; Need ultrasonic)
DMSO : < 1 mg/mL (insoluble or slightly soluble)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	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

Disodium 5'-inosinate, obtained from bacterial fermentation of sugars, is as a food additive and often found in a variety of other snacks.

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

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