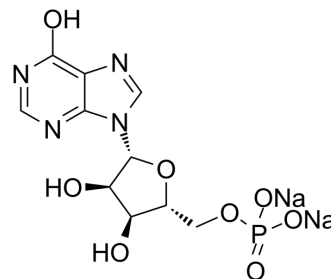


Disodium 5'-inosinate

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 : 120 mg/mL (305.99 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.

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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