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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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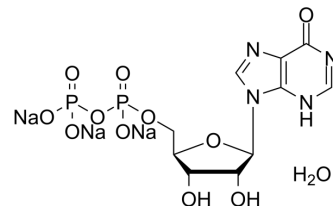
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Inosine 5'-diphosphate sodium

Cat. No.:	HY-W749117
CAS No.:	81012-88-6
Molecular Formula:	C ₁₀ H ₁₃ N ₄ Na ₃ O ₁₂ P ₂
Molecular Weight:	512.15
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

H₂O : ≥ 116.67 mg/mL (227.80 mM)

* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.9526 mL	9.7628 mL	19.5255 mL
	5 mM		0.3905 mL	1.9526 mL	3.9051 mL
	10 mM		0.1953 mL	0.9763 mL	1.9526 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Inosine 5'-diphosphate sodium is a purine ribonucleoside 5'-diphosphate with inosine as the nucleobase, which can participate in intracellular energy metabolism and signal transduction processes^[1].

REFERENCES

[1]. CD4 microglial expression correlates with spontaneous clinical improvement in the acute Lewis rat EAE model

[2]. Increased number of microglia in the brain of severe combined immunodeficient (SCID) mice

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

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