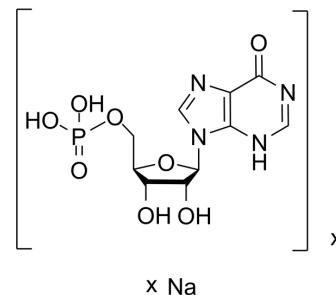


Polyinosinic acid sodium

Cat. No.:	HY-148980A
CAS No.:	33378-44-8
Molecular Formula:	$(C_{10}H_{13}N_4O_8P)x \cdot xNa$
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 100 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	Polyinosinic acid sodium is the sodium form of Polyinosinic acid (HY-148980). Polyinosinic acid is a single stranded homonucleic acid, which is a Toll-like Receptor 3 (TLR3) ligand. Polyinosinic acid enhances cellular immune response through TLR3 and TRIF. Polyinosinic acid has potential applications in immune regulation ^[1] .
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REFERENCES

[1]. Marshall-Clarke S, et al. Polyinosinic acid is a ligand for toll-like receptor 3. J Biol Chem. 2007 Aug 24;282(34):24759-66.

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

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