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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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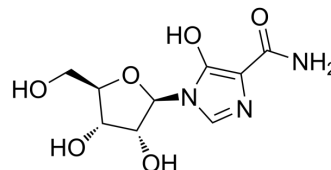
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Mizoribine (Standard)

Cat. No.:	HY-17470R
CAS No.:	50924-49-7
Molecular Formula:	C ₉ H ₁₃ N ₃ O ₆
Molecular Weight:	259.22
Target:	Antibiotic; Parasite; HCV; SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Mizoribine (Standard) is the analytical standard of Mizoribine. This product is intended for research and analytical applications. Mizoribine (NSC 289637), an imidazole nucleoside, inhibits HCV RNA replication with IC ₅₀ of approximately 100 μM for anti-HCV activity. Immunosuppressant ^[1] . Mizoribine, an IMPDH inhibitor, inhibits replication of SARS-CoV with IC ₅₀ s of 3.5 μg/mL and 16 μg/mL for SARS-CoV Frankfurt-1 and SARS-CoV HKU39849, respectively ^[2] .
IC ₅₀ & Target	HCV ^[1] ; IMPDH; SARS-CoV ^[2]

REFERENCES

- [1]. Naka K, et al. Mizoribine inhibits hepatitis C virus RNA replication: effect of combination with interferon-alpha. *Biochem Biophys Res Commun*. 2005 May 13;330(3):871-9.
- [2]. Saijo M, et al. Inhibitory effect of Mizoribine and ribavirin on the replication of severe acute respiratory syndrome (SARS)-associated coronavirus. *Antiviral Res*. 2005 Jun;66(2-3):159-63.
- [3]. Kamada H, et al. Effect of Mizoribine on collagen-induced arthritis in mice. *Jpn J Pharmacol*. 1996 Feb;70(2):169-75.

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

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