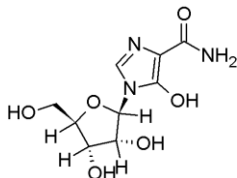


PRODUCT:**Mizoribine****ALTERNATE NAME:**N'-(β -D-Ribofuranosyl)-5-hydroxyimidazole-4-carboxamide**CATALOG #:**

B2194-10, 50

AMOUNT:

10 mg, 50 mg

STRUCTURE:**MOLECULAR FORMULA:**C₉H₁₃N₃O₆**MOLECULAR WEIGHT:**

259.22

CAS NUMBER:

50924-49-7

APPEARANCE:

White to off-white solid

SOLUBILITY:H₂O (~ 25 mg/ml)**PURITY:**

≥98% by HPLC

STORAGE:

Store at -20 °C. Protect from light and light

DESCRIPTION:

Mizoribine is an imidazole nucleoside that acts as an immunosuppressive agent and HCV RNA replication inhibitor (IC₅₀ = 100 μM). Inhibits T and B cell proliferation. Anti-bacterial, antiviral, antibiotic, anti-inflammatory and immunosuppressive agent. Active *in vivo* and *in vitro*. It was found to inhibit SARS-CoV replication *in vitro*.

REFERENCES:

Turka, L.A., *et al.* (1991). *J. Clin. Invest.* **87**, 940-948.

HANDLING:

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Ascomycin (Cat. No. 1570-2)

Cyclosporin A (Cat. No. 1522-100, 1G)

(R,S)-Lenalidomide (Cat. No. 1862-25, 100)

FK506 (Cat. No. 1563-1,10)

Fingolimod (Cat. No. 1618-5, 25)

Leflunomide (Cat. No.1972-10, 50)

6-Mercaptopurine (Cat. No. B2039-50, 250)

Mizoribine (Cat. No. B2194-10, 50)

Mycophenolic acid (Cat. No. 1882-50, 250)

Rapamycin (Cat. No. 1568-5, 50)

Rocaglamide (Cat. No. 1863-100)

USAGE:**FOR RESEARCH USE ONLY! Not to be used in humans**