**Product Name:** Mizoribine  
**Product Number:** M037  
**CAS Number:** 50924-49-7  
**Molecular Formula:** $C_9H_{13}N_3O_6$  
**Molecular Weight:** 259.22  
**Form:** Powder  
**Solubility:** Water: 20 mg/mL  
**Storage Conditions:** 2-8°C  

**Description:** Mizoribine is an imidazole nucleoside which acts as an immunosuppressant by inhibiting lymphocyte proliferation. Mizoribine is freely soluble in water (20 mg/mL).

**Mechanism of Action:** Mizoribine inhibits inosine monophosphate synthetase and guanosine monophosphate synthetase which halts guanine synthesis and ultimately, DNA synthesis.

**References:**  