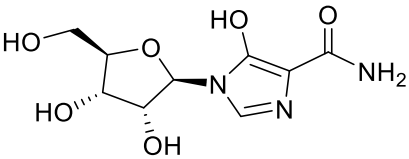




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406375	Mizoribine	C9R01B25

Chemical name	
1-((2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-5-hydroxy-1H-imidazole-4-carboxamide	
Synonyms	
Mizoribine; Bredinin; HE 69; He69; He-69; NSC289637; NSC-289637; NSC 289637.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406375 Name: Mizoribine Lot#: C9R01B25 CAS#: 50924-49-7 Chemical Formula: C ₉ H ₁₃ N ₃ O ₆ Exact Mass: 259.08044 Molecular Weight: 259.22

Analysis item	Specifications / Results
Appearance	White to off-white crystalline solid.
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE