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Product Datasheet

Mizoribine, CAS [[50924-49-7]]
FBM-10-2434

Artikelname	Mizoribine, CAS [[50924-49-7]]
Artikelnummer	FBM-10-2434
Hersteller Artikelnummer	10-2434
Alternativnummer	FBM-10-2434-20MG,FBM-10-2434-100MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Immunosuppressant...
Molekulargewicht	259.22
Reinheit	>98% by TLC, NMR (conforms)
Formulierung	Off-white solid
CAS Nummer	[50924-49-7]
Formel	C9H13N3O6
Anwendungsbeschreibung	Mizoribine is an immunosuppressant nucleoside natural product first isolated from Eupenicillium brefeldianum.¹ Inhibits inosine monophosphate dehydrogenase, suppressing T-cell proliferation via depletion of guanine ribonucleotides.² Reduces cellular GTP levels in CEM leukemia cells (68% at 4 mM and 2 hours).³ Selectively attenuates the expression of monocyte chemoattractant protein 1.⁴ Mizoribine also acts at HSP60, and induces an HSP60/HSP10 complex which consequently suppresses IL-6 expression.⁵ It displays anti-proteinuric effects by restoring normal nephrin biogenesis in nephrotic syndrome models.⁶