

CERTIFICATE OF ANALYSIS

(Certificate No. KMM002002-01)

Release Date: 19/10/2024

Re-test Date: 18/10/2027

Z-Mycophenolate Mofetil

Identification

Chemical Name :

(Z)-2-morpholinoethyl 6-(4-hydroxy-6-methoxy-7-methyl-3-oxo-1,3-dihydroisobenzofuran-5-yl)-4-methylhex-4-enoate

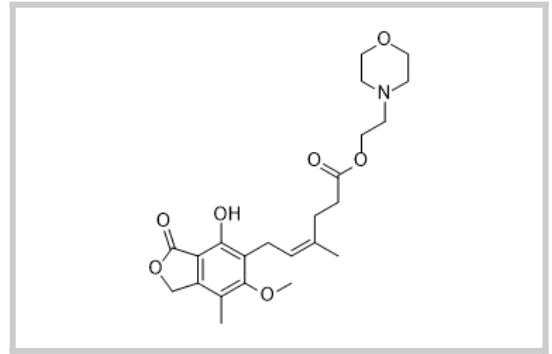
Alt. Name : Z-Mycophenolate mofetil (USP) ; cis Mycophenolate Mofetil

CAT No. : KMM002002

CAS No. : 2286278-51-9

Molecular Formula : C₂₃H₃₁NO₇

Molecular Weight : 433.49



Analytical Information

Batch No. : M002002-073-419

Solubility : Acetonitrile

Description : Light Brown Thick Syrup

Mass : Confirm

HPLC Purity : 93.48 %

IR : Confirm

Weight Loss By TGA : 0.47 %

¹H NMR : Confirm

% Potency : 93.04 %

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = $[100 - 0.47(\text{Weight Loss By TGA})] \times [93.48(\text{HPLC Purity})]/100 = 93.04 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/10/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA