

CERTIFICATE OF ANALYSIS

(Certificate No. KMA177001-01)

Release Date: 03/08/2024

Re-test Date: 02/08/2027

Ascomycin

Identification

Chemical Name :

(1R,9S,12S,13R,14S,17R,18E,21S,23S,24R,25S,27R)-17-Ethyl-1,14-dihydroxy-12-[(1E)-1-[(1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl]prop-1-en-2-yl]-23,25-dimethoxy-13,19,21,27-tetramethyl-11,28-dioxo-4-azatricyclo[22.3.1.0_{4,9}]octacos-18-ene-2,3,10,16-tetrone

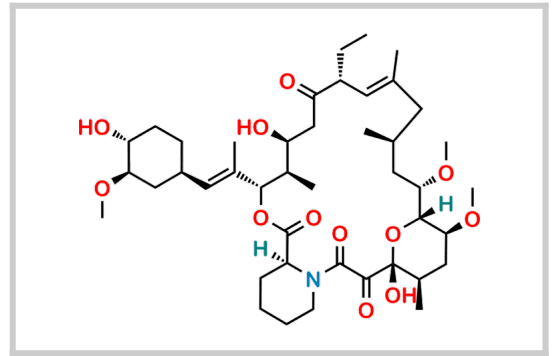
Alt. Name : Ascomycin ; Tacrolimus USP RC A ; Tacrolimus Desmethylene Impurity ; Immunomycin

CAT No. : KMA177001

CAS No. : 104987-12-4

Molecular Formula : C₄₃H₆₉N₁O₁₂

Molecular Weight : 792.0



Analytical Information

Batch No. : EB08/S3/24/002

Description : White Solid

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

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 -] x []/100 = 0 %

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/08/2024

Attachments : COA, MASS, ¹HNMR, ¹³CNMR, IR