

CERTIFICATE OF ANALYSIS

(Certificate No. KMR056001-01)

Release Date: 04/04/2026

Re-test Date: 03/04/2029

RIFAPENTINE RFPRC-4 IMPURITY

Identification

Chemical Name :

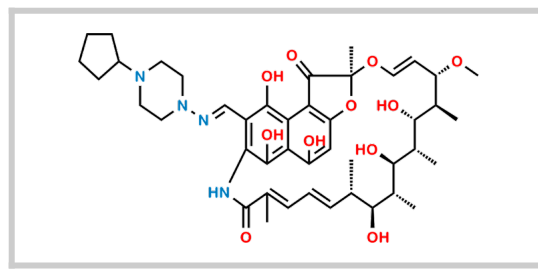
3-[[[(4-cyclopentyl-1-piperaziny)imino]methyl]-25-O-deacetyl-Rifamycin

CAT No. : KMR056001

CAS No. : 79039-56-8

Molecular Formula : C₄₅H₆₂N₄O₁₁

Molecular Weight : 835.0



Analytical Information

Batch No. : R056001-114-238

Description : Reddish Brown Solid

HPLC Purity : 94.71 %

Weight Loss By TGA : 3.70 %

% Potency : 91.21 %

Solubility : ACN : Water

Mass : Confirm

IR : Confirm

¹H 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 - 3.70(Weight Loss By TGA)] x [94.71(HPLC Purity)]/100 = 91.21 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		06/04/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA