

Analysis Date: 08-05-2025

Re-test Date: 08-05-2028

25-DESACETYL RIFAPENTINE

Identification

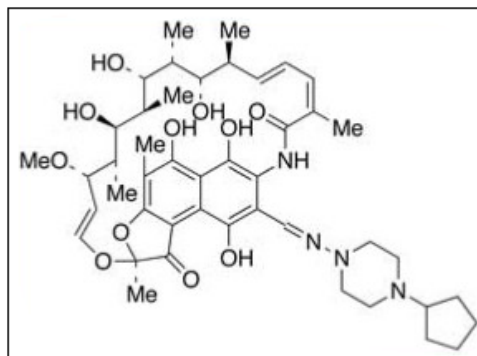
Chemical Name : 3-[[[4-Cyclopentyl-1-piperazinyl]imino]methyl]-25-O-deacetyl-rifamycin

CAT No : ALL-RIF-DA

CAS No : 79039-56-8

Molecular Formula : C₄₅H₆₂N₄O₁₁

Molecular Weight : 834.99



Analytical Information

Batch No	: ALL-RIF-DA	HPLC Purity	: 94.02 %
Solubility	: MeOH: ACN	Potency	: 93.64 %
Appearance of Product	: Light Brown Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.264 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.136 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.264 + 0.136) \times 94.02] / 100 = 93.64 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office