

Analysis Date: 10-06-2025

Re-test Date: 10-06-2028

25-DEACETYL-23-ACETYL RIFAMPICIN

Identification

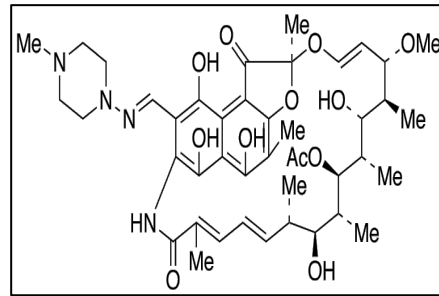
Chemical Name : 25-Deacetyl 23-Acetyl Rifampicin

CAT No : ALL-RIF-1961

CAS No : 1416773-23-3

Molecular Formula : C₄₃H₅₈N₄O₁₂

Molecular Weight : 822.94



Analytical Information

| | | | |
|------------------------------|-----------------------------------|--------------------------|-----------|
| Batch Code | : ALL-RIF-1961 | HPLC Purity | : 96.00 % |
| Solubility | : USP Diluent / EP Diluent (MEOH) | Potency | : 95.66 % |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : 2-8 °C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 0.241% | ¹H NMR | : Confirm |
| Residue Of Ignition | : 0.105 % | | |

Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.241 + 0.105) \times 96.00] / 100 = 95.66 \%$$

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