

Analysis Date: 10-06-2025

Re-test Date: 10-06-2028

RIFAMPICIN 25-DESACETYL IMPURITY

Identification

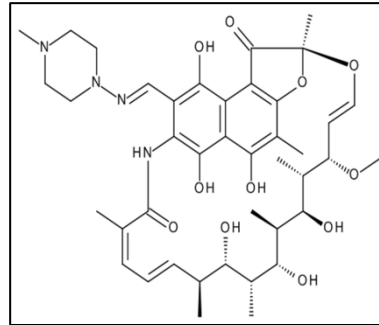
Chemical Name : 25-O-Deacetyl-3-[(E)-[(4-methyl-1-piperazinyl)imino]methyl]rifamycin

CAT No : OLYRIF0010.0DA

CAS No : 16783-99-6

Molecular Formula : C₄₁H₅₆N₄O₁₁

Molecular Weight : 780.9



Analytical Information

Batch Code	: OLYRIF0010.0DA	HPLC Purity	: 98.54 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 98.31 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.034%	¹H NMR	: Confirm
Residue Of Ignition	: 0.190 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.034+0.190) × 95.82]/100 = 98.31 %

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