

Analysis Date: 07-06-2025

Re-test Date: 07-06-2028

RIFAXIMIN DESACETYL IMPURITY

Identification

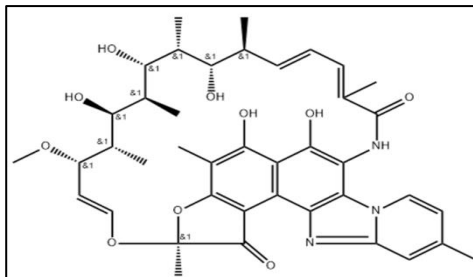
Chemical Name : 5,6,21,23,25-Pentahydroxy-27-methoxy-2,4,11,16,20,22,24,26-octamethyl-2,7-(epoxypentadeca[1,11,13]trienimino) benzofuro[4,5-e]pyrido[1,2-a] benzimidazole-1,15(2H)-dione

CAT No : ALL-RIF-1950

CAS No : 80621-88-1

Molecular Formula : C₄₁H₄₉N₃O₁₀

Molecular Weight : 743.84



Analytical Information

Batch Code	: ALL-RIF-1950	HPLC Purity	: 98.04 %
Solubility	: MeOH: ACN	Potency	: 97.56 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.684 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.591 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.684 + 0.591) × 98.04]/100 = 97.56

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