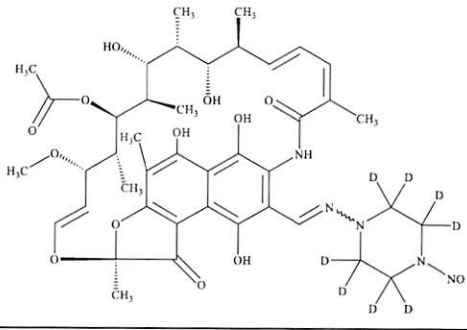


Certificate of Analysis



Certificate No.: 20260610008

Date: June 10, 2026

Retest date: June 5, 2027

Compound Name: <i>N</i> -Nitroso <i>N</i> -Desmethyl Rifampicin-d ₈		
TLC Catalogue Number:	R-2335	
CAS Number:	N/A	
Alternate CAS Number:	N/A	
Molecular Weight:	845.97	
Molecular Formula:	C ₄₂ H ₄₇ D ₈ N ₅ O ₁₃	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7495-010A1	
Storage Conditions:	Protect from air, store at -20 °C	
Solubility:	Acetonitrile	

Test Description	Specifications	Results
Visual Description	Red solid	Conforms
Identification		
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.8%
Impurity (HPLC)	N/A	
Isotopic Enrichment	Not less than 95.0%	97.1%
Water Content (KF)	N/A	0.4%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	99.4%
Recommendation:	Release. The compound is an <i>N</i> -Nitroso product. Avoid using metal spatula and applying pressure. Wear proper personal protective equipment when handling.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/10/2026
Approved by:	Quality Assurance		06/10/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, MS and NMR spectra.