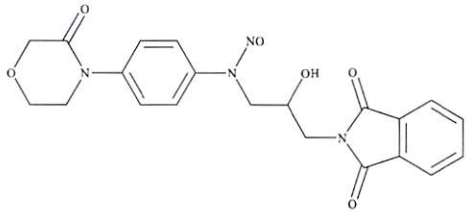


# Certificate of Analysis



Certificate No.: 20260410001

Date: April 10, 2026

Retest date: April 7, 2029

<b>Compound Name:</b>	<b><i>N</i>-Nitroso Rivaroxaban Impurity 107</b>	
<b>Synonyms:</b>	<i>N</i> -(3-(1,3-dioxisoindolin-2-yl)-2-hydroxypropyl)- <i>N</i> -(4-(3-oxomorpholino)phenyl)nitrous amide	
<b>TLC Catalogue Number:</b>	R-29154	
<b>CAS Number:</b>	N/A	
<b>Alternate CAS Number:</b>	N/A	
<b>Molecular Weight:</b>	424.41	
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub>	
<b>Source:</b>	TLC Pharmaceutical Standards	
<b>Source Lot No.:</b>	7373-028A3	
<b>Storage Conditions:</b>	Store at 2-8 °C	
<b>Solubility:</b>	Methanol, DMSO, DMF, Acetonitrile	

Test Description	Specifications	Results
<b>Visual Description</b>	Pale yellow solid	<b>Conforms</b>
<b>Identification</b>		
MS	Conforms to structure	<b>Conforms</b>
<sup>1</sup> H NMR	Conforms to structure	<b>Conforms</b>
<b>Purity (HPLC)</b>	Not less than 95.0%	<b>98.2%</b>
<b>Impurity (HPLC)</b>	RT 4.34, 0.27%; RT 11.81, 0.35%; RT 14.39, 0.76%	
<b>Water Content (KF)</b>	N/A	<b>0.1%</b>
<b>Residual Solvents (NMR)</b>	0.9% isopropanol	
<b>Assay (%)</b>	Not less than 90.0%	<b>97.2%</b>
<b>Recommendation:</b>	<b>Release.</b> The compound is a <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		04/10/2026
Approved by:	Quality Assurance		04/10/2026

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