

# CERTIFICATE OF ANALYSIS

(Certificate No. KMR002002-01)

Release Date: 08/04/2024

Re-test Date: 07/04/2027

## N-Nitroso Rivaroxaban Open-Ring Acid Impurity

### Identification

**Chemical Name :**

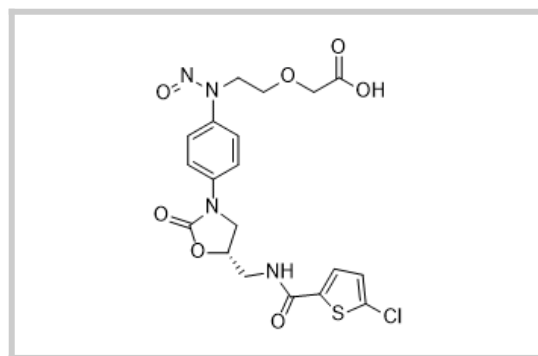
(S)-2-(2-((4-(5-((5-chlorothiophene-2-carboxamido)methyl)-2-oxooxazolidin-3-yl)phenyl)(nitroso)amino)ethoxy)acetic acid

CAT No. : KMR002002

CAS No. : Not Available

Molecular Formula : C<sub>19</sub>H<sub>19</sub>ClN<sub>4</sub>O<sub>7</sub>S

Molecular Weight : 482.89



### Analytical Information

Batch No. : RIV-ACID-NO-073-144

Description : Orange Solid

HPLC Purity : 94.35 %

Weight Loss By TGA : 1.09 %

% Potency : 93.32 %

Solubility : \*Refer in Additional information

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 1.09(Weight Loss By TGA)] x [94.35(HPLC Purity)]/100 = 93.32 %

\*Solubility : Insoluble in Water and Freely Soluble in 5.0 mg/1.0 ml methanol.

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		07/05/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA