CERTIFICATE OF ANALYSIS

(Certificate No. KMR002001-02)

Release Date: 07/05/2025 **Re-test Date:** 06/05/2028

N-Nitroso Rivaroxaban Impurity L

Identification

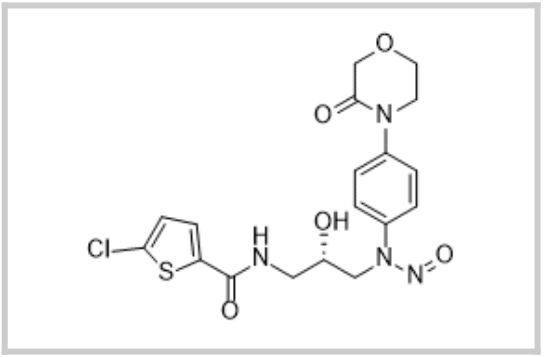
Chemical Name :
(S)-5-chloro-N-(2-hydroxy-3-(nitroso(4-(3-oxomorpholino)phenyl)amino)propyl)thiophene-2-carboxamide

CAT No. : KMR002001

CAS No. : Not Available

Molecular Formula : C18H19ClN4O5S

Molecular Weight : 438.89



Analytical Information

Batch No.	: R002001-102-011	**Solubility**	: Methanol
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 98.49 %	**IR**	: Confirm
Weight Loss By TGA	: 0.39 %	**1H NMR**	: Confirm
% Potency	: 98.11 %		

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 - 0.39(Weight Loss By TGA)] x [98.49(HPLC Purity)]/100 = 98.11 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		08/10/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA