# CERTIFICATE OF ANALYSIS

(Certificate No. KMA013152-01)

**Release Date:** 27/12/2023 **Re-test Date:** 26/12/2026

## Apixaban Nitrosoamide Impurity

## Identification

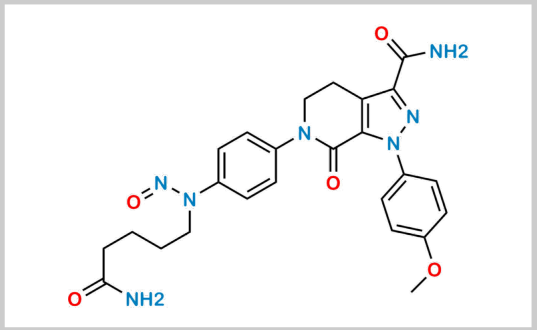
**Chemical Name** :
6-(4-((5-Amino-5-oxopentyl)(nitroso)amino)phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide

**CAT No.** : KMA013152

**CAS No.** : Not Available

**Molecular Formula** : C25H27N7O5

**Molecular Weight** : 505.5




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : APX-AMIDE-NO-073-008 | **Solubility** | : Acetonitrile |
| **Description** | : Off white solid | **Mass** | : Confirm |
| **HPLC Purity** | : 99.26 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 1.71 % | **1H NMR** | : Confirm |
| **% Potency** | : 97.56 % | | |

## 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 - 1.71(Weight Loss By TGA)] x [99.26(HPLC Purity)]/100 = 97.56 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 29/01/2025 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 29/01/2025 |

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