CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

CATO-FM-59 Version No.: A/1

**No.: 202308099730**

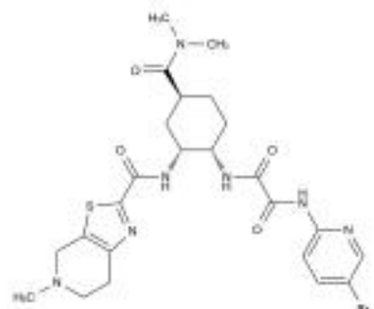
# Certificate of Analysis

## Reference Material & Standard

| | |
|---|---|
| **Product Name:** | N1-(5-Bromopyridin-2-yl)-N2-((1S,2R,4S)-4-(dimethylcarbamoyl)-2-(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-carboxamido)cyclohexyl)oxalamide (Edoxaban Impurity) |
| **Synonyms:** | N/A |
| **CAS Number:** | 775280-48-3 |
| **Molecular Formula:** | $C_{24}H_{30}BrN_7O_4S$ |
| **Molecular Weight:** | 592.51 |

| | |
|---|---|
| **Catalogue Number:** | C1875813 |
| **Lot Number:** | 0809-SA-7730 |
| **Expiry Date:** | Aug 08, 27 |
| **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Warning:** | |

**Chemical Structure:**



| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | Solid |
| **Identification:** | LC&HNMR | Confirmed |
| **Purity:** | HPLC | 96.912% |

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**Signature:**

Prepared by: Lisa Date: Aug 09, 23

Reviewed by: Yuki Date: Aug 09, 23

Approved by General Manager: David Date: Aug 09, 23

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ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-2832 | ISO 9001:2000 SGS | Official WeChat

## Directions:

*1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*

*2. Minimum sample size: 1mg is recommended as the minimum sample size.*

*3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*

*4. Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date | Reason for Revision |
|---|---|---|
| 01 | Aug 09, 23 | First release. |

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