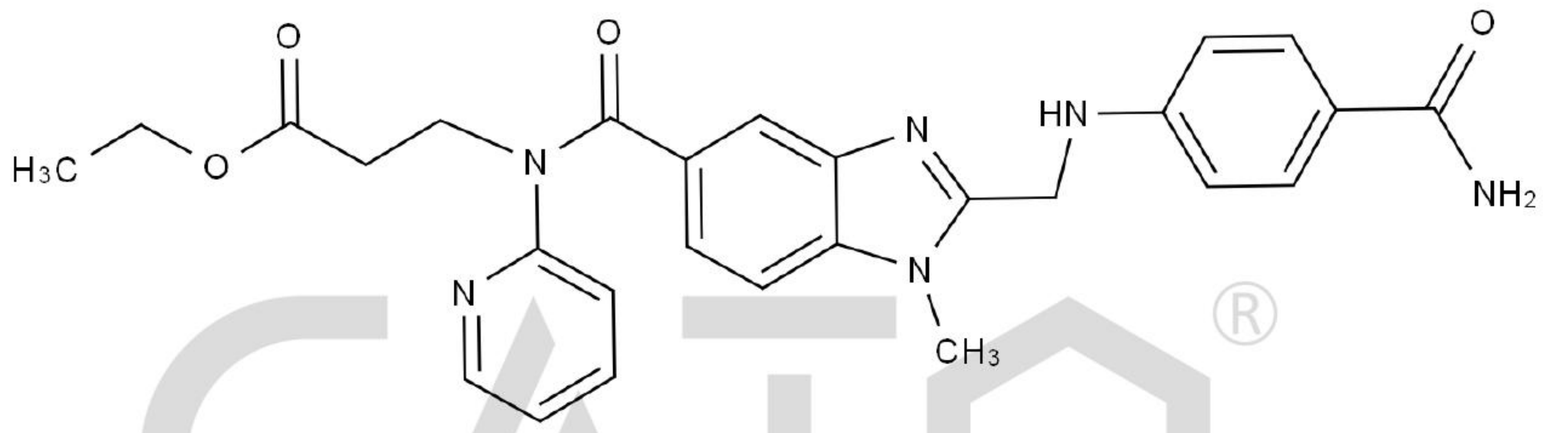
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Dabigatran Impurity 8 | **Catalogue Number:** | C4X-10898 |
| **Synonyms:** | N/A | **Lot Number:** | 0428-RB-0004 |
| **CAS Number:** | 1422435-41-3 | **Expiry Date:** | Oct 21, 2030 |
| **Molecular Formula:** | $C_{27}H_{28}N_6O_4$ | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 500.55 | **Shipping Condition:** | Shipping at Room Temperature |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | Off-White Solid |
| **Identification** | LCMS&IR&HNMR | Confirmed |
| **Purity** | HPLC | 98.2% |
| **Assay** | qNMR | 97.8% |

CATO Research Chemicals Inc.

**Signature:**

Prepared by: Koji Date: Oct 22, 2026

Reviewed by: Lisa Date: Oct 23, 2026

Approved by General Manager: David Date: Oct 23, 2026

CATO Research Chemicals Inc.