# Certificate of Analysis

## Reference Material & Standard

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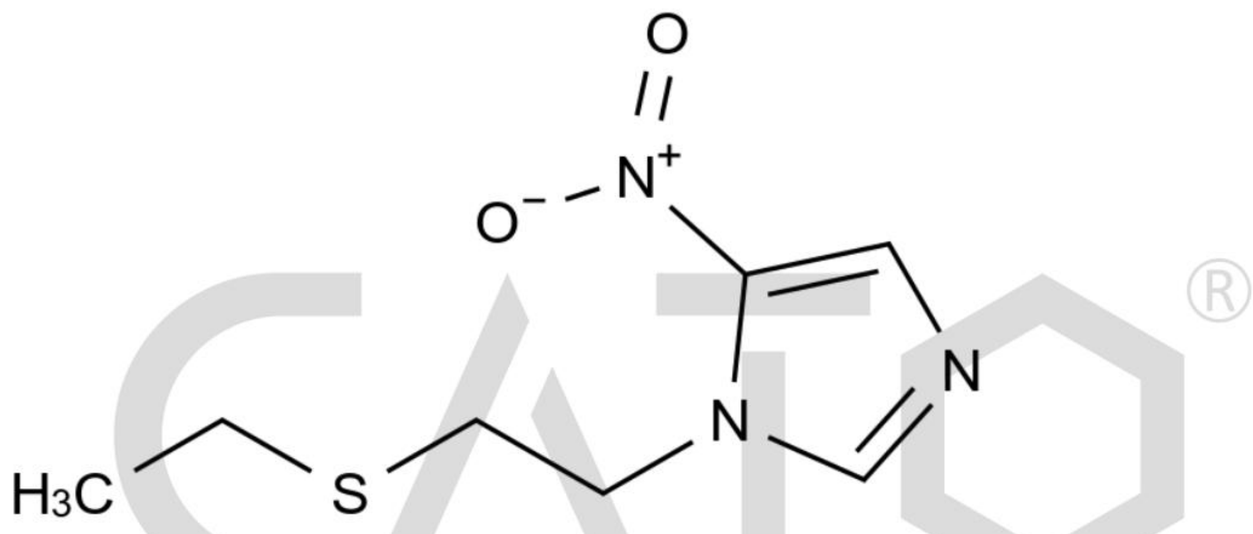
|---|---|---|---|
| **Product Name:** | Tinidazole impurity 28 | **Catalogue Number:** | C4X-193028 |
| **Synonyms:** | N/A | **Lot Number:** | 1027-RH-0084 |
| **CAS Number:** | N/A | **Expiry Date:** | Nov 01, 2030 |
| **Molecular Formula:** | $C_7H_{11}N_3O_2S$ | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 201.25 | **Shipping Condition:** | Shipping at Room Temperature |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | Pale Yellow Liquid |
| **Identification** | LCMS&HNMR | Confirmed |
| **Purity** | HPLC | 97.9% |
| **Assay** | qNMR | 91.3% |

CATO Research Chemicals Inc.

**Signature:**

Prepared by: Date: Nov 03, 2026

Reviewed by: Date: Nov 03, 2026

Approved by General Manager: Date: Nov 03, 2026

CATO Research Chemicals Inc.