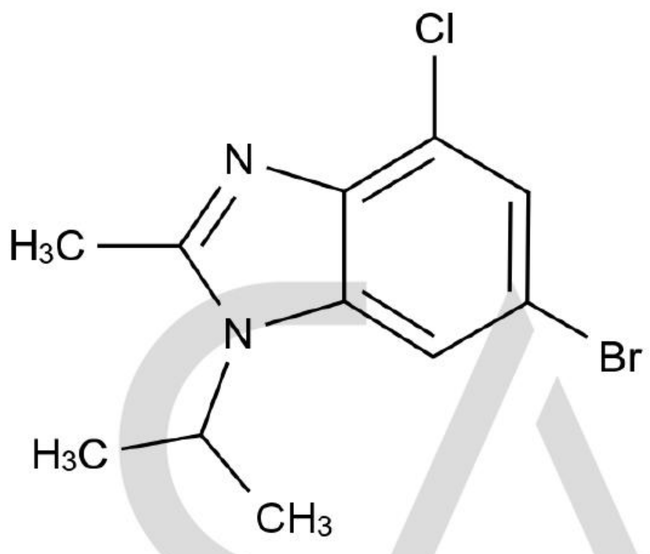
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Abemaciclib Impurity 146 | **Catalogue Number:** | C4X-2937146 |
| **Synonyms:** | N/A | **Lot Number:** | 1016-RH-0039 |
| **CAS Number:** | N/A | **Expiry Date:** | Dec 02, 2029 |
| **Molecular Formula:** | $C_{11}H_{12}BrClN_2$ | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 287.58 | **Shipping Condition:** | Shipping at Room Temperature |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | White Solid |
| **Identification** | LCMS&HNMR | Confirmed |
| **Purity** | HPLC | 96.8% |
| **Assay** | qNMR | 95.1% |

CATO Research Chemicals Inc.

**Signature:**

Prepared by: Date: Oct 16, 2026

Reviewed by: Date: Oct 16, 2026

Approved by General Manager: Date: Oct 16, 2026

CATO Research Chemicals Inc.