# CERTIFICATE OF ANALYSIS

(Certificate No. KMT028066-01)

**Release Date:** 18/11/2025 **Re-test Date:** 17/11/2028

## O-ACETYL OF TLV-I

## Identification

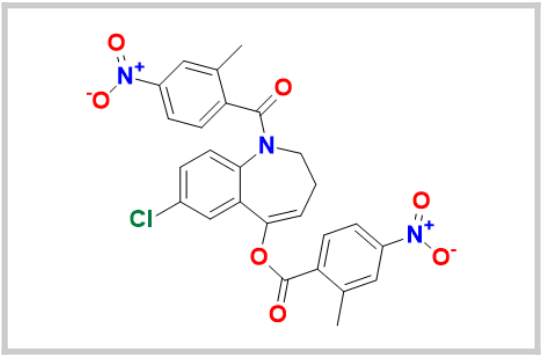
**Chemical Name** :
7-chloro-1-(2-methyl-4-nitrobenzoyl)-2,3-dihydro-1H-benzo[b]azepin-5-yl 2-methyl-4-nitrobenzoate

**CAT No.** : KMT028066

**CAS No.** : 1580889-34-4

**Molecular Formula** : C26H20ClN3O7

**Molecular Weight** : 521.91



## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : T028066-114-005 | **Solubility** | : THF |
| **Description** | : Off White Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 99.55 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 0.14 % | **1H NMR** | : Confirm |
| **% Potency** | : 99.41 % | | |

## 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 - 0.14(Weight Loss By TGA)] x [99.55(HPLC Purity)]/100 = 99.41 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 18/11/2025 |
| **Reviewed & Approved By** | Quality Control | Parag Patel | | 18/11/2025 |

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