# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMO002053-01)

**Release Date:** 13/10/2025 **Re-test Date:** 12/10/2028

## **Oseltamivir Diol Impurity**

## **Identification**

#### **Chemical Name:**

Ethyl (3R,4R,5R)-3,4-dihydroxy-5-((methylsulfonyl)oxy)cyclohex-1-ene-1-carboxylate

**CAT No.** : KMO002053

**CAS No.** : 220626-12-0

**Molecular Formula** : C10H16O7S

**Molecular Weight** : 280.3

HO OCH<sub>3</sub>
HO OSO<sub>2</sub>CH<sub>3</sub>

## **Analytical Information**

**Batch No.** : 0002053-102-341 **Solubility** : Acetonitrile

adduct

HPLC Purity : 96.62 %

IR : C

Weight Loss By TGA : 1.35 % IR : Confirm

% Potency : 95.32 % 1H NMR : Confirm

### **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 - 1.35(Weight Loss By TGA)] x [96.62(HPLC Purity)]/100 = 95.32 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/10/2025

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