

# CERTIFICATE OF ANALYSIS

(Certificate No. KMO002053-01)

Release Date: 13/10/2025

Re-test Date: 12/10/2028

## Oseltamivir Diol Impurity

### Identification

**Chemical Name :**

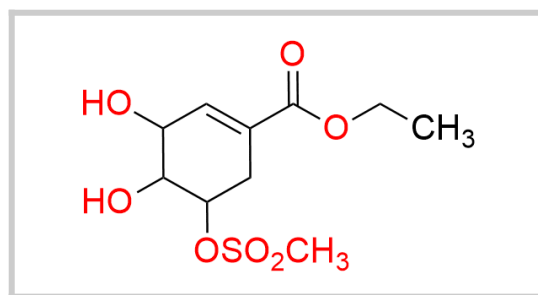
Ethyl (3R,4R,5R)-3,4-dihydroxy-5-((methylsulfonyl)oxy)cyclohex-1-ene-1-carboxylate

CAT No. : KMO002053

CAS No. : 220626-12-0

Molecular Formula : C<sub>10</sub>H<sub>16</sub>O<sub>7</sub>S

Molecular Weight : 280.3



### Analytical Information

Batch No. : O002053-102-341

Description : Off White Solid

HPLC Purity : 96.62 %

Weight Loss By TGA : 1.35 %

% Potency : 95.32 %

Solubility : Acetonitrile

Mass : Confirm as Na adduct

IR : Confirm

<sup>1</sup>H 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, <sup>1</sup>HNMR,IR and TGA