CERTIFICATE OF ANALYSIS

(Certificate No. KMO002053-01)

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

Oseltamivir Diol Impurity

Identification

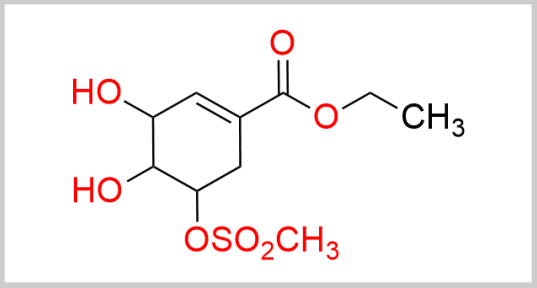
Chemical Name :
Ethyl (3R,4R,5R)-3,4-dihydroxy-5-((methylsulfonyl)oxy)cyclohex-1-ene-1-carboxylate

CAT No. : KMO002053

CAS No. : 220626-12-0

Molecular Formula : C10H16O7S

Molecular Weight : 280.3



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

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