

# CERTIFICATE OF ANALYSIS

(Certificate No. KMO002014-01)

Release Date: 21/02/2023

Re-test Date: 20/02/2026

## Oseltamivir EP Impurity A

### Identification

**Chemical Name :**

(3R,4R,5S)-5-acetamido-4-amino-3-(pentan-3-yloxy)cyclohex-1-ene-1-carboxylic acid

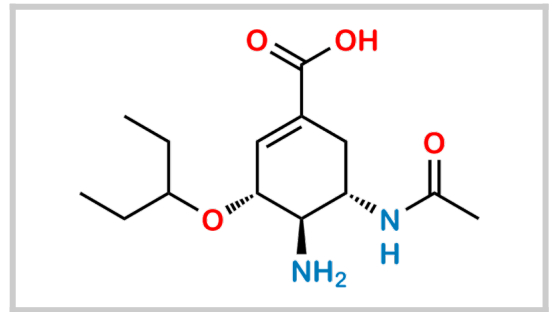
**Alt. Name** : Oseltamivir Acid

**CAT No.** : KMO002014

**CAS No.** : 1364932-19-3

**Molecular Formula** : C<sub>14</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>

**Molecular Weight** : 284.4



### Analytical Information

**Batch No.** : OSE-5AA-045-067

**Solubility** : Water

**Description** : Off White Solid

**Mass** : Confirm

**HPLC Purity** : 98.51 %

**IR** : Confirm

**Weight Loss By TGA** : 3.59 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 94.97 %

### 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 - 3.59(Weight Loss By TGA)] x [98.51(HPLC Purity)]/100 = 94.97 %

Remarks : COA Re-generated on 27.12.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		27/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		27/12/2024

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