# CERTIFICATE OF ANALYSIS

(Certificate No. KMS014003-01)

**Release Date:** 19/09/2026 **Re-test Date:** 18/09/2029

## Sacubitril Impurity E

## Identification

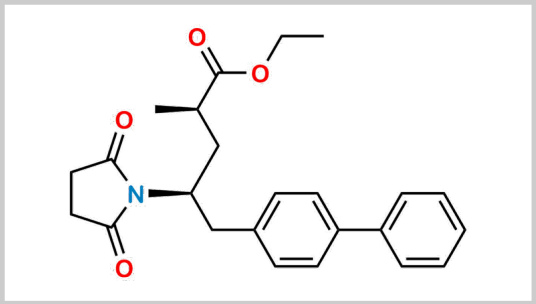
**Chemical Name** :
Ethyl (2R,4S)-5-([1,1'-biphenyl]-4-yl)-4-(2,5-dioxopyrrolidin-1-yl)-2-methylpentanoate

**CAT No.** : KMS014003

**CAS No.** : 1038924-97-8

**Molecular Formula** : C24H27NO4

**Molecular Weight** : 393.5




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : S014003-136-208 | **Solubility** | : Acetonitrile |
| **Description** | : Light Brown Thick Syrup | **Mass** | : Confirm |
| **HPLC Purity** | : 99.84 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 2.32 % | **1H NMR** | : Confirm |
| **% Potency** | : 97.52 % | | |

## 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 - 2.32(Weight Loss By TGA)] x [99.84(HPLC Purity)]/100 = 97.52 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 19/09/2026 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 19/09/2026 |

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