# CERTIFICATE OF ANALYSIS

(Certificate No. KMS005014-01)

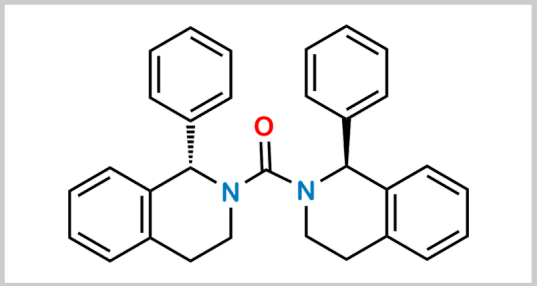
**Release Date:** 20/05/2026 **Re-test Date:** 19/05/2029

## SOLIFENACIN SUCCINATE IMPURITY-C

## Identification

**Chemical Name** :
Bis[(1S)-1-phenyl-3,4-dihydroisoquinolin-2(1H)-yl]methanone (as per EP)

| | |
|---|---|
| **Alt. Name** | : Solifenacin (S,S) Methanone Impurity |
| **CAT No.** | : KMS005014 |
| **CAS No.** | : 1534326-81-2 |
| **Molecular Formula** | : C31H28N2O |
| **Molecular Weight** | : 444.6 |




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : S005014-114-331 | **Solubility** | : ACN : Water |
| **Description** | : Off White Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 94.52 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 1.24 % | **1H NMR** | : Confirm |
| **% Potency** | : 93.35 % | | |

## 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 - 1.24(Weight Loss By TGA)] x [94.52(HPLC Purity)]/100 = 93.35 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 20/05/2026 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 20/05/2026 |

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