

# 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)

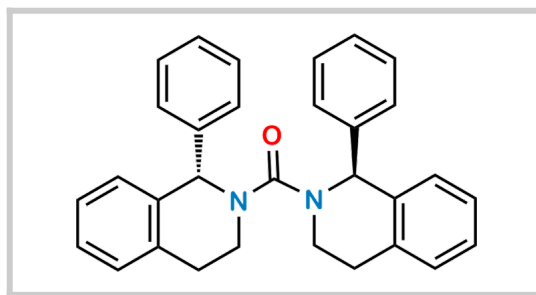
**Alt. Name** : Solifenacin (S,S) Methanone Impurity

**CAT No.** : KMS005014

**CAS No.** : 1534326-81-2

**Molecular Formula** : C<sub>31</sub>H<sub>28</sub>N<sub>2</sub>O

**Molecular Weight** : 444.6



### Analytical Information

**Batch No.** : S005014-114-331

**Description** : Off White Solid

**HPLC Purity** : 94.52 %

**Weight Loss By TGA** : 1.24 %

**% Potency** : 93.35 %

**Solubility** : ACN : Water

**Mass** : Confirm

**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 - 1.24(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, <sup>1</sup>H NMR, IR and TGA