

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS007001-01)

Release Date: 11/01/2025

Re-test Date: 10/01/2028

## Saxagliptin SSSR Isomer

### Identification

**Chemical Name :**

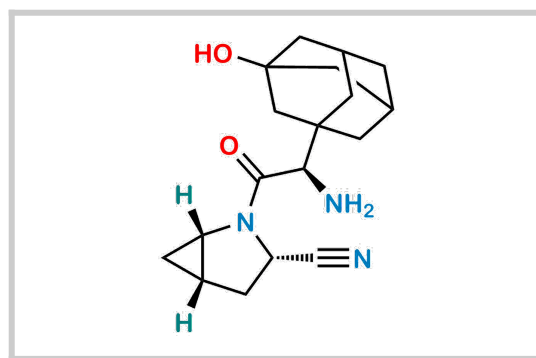
(1S,3S,5S)-2-((2R)-2-amino-2-(3-hydroxyadamantan-1-yl)acetyl)-2-azabicyclo[3.1.0]hexane-3-carbonitrile

CAT No. : KMS007001

CAS No. : 1564265-93-5

Molecular Formula : C<sub>18</sub>H<sub>25</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight : 315.4



### Analytical Information

Batch No. : SAX-SSSR-045-065

Description : Off White Solid

HPLC Purity : 95.42 %

Weight Loss By TGA : 3.59 %

% Potency : 91.99 %

Solubility : Methanol

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 =  $[100 - 3.59(\text{Weight Loss By TGA})] \times [95.42(\text{HPLC Purity})]/100 = 91.99 \%$

-Re-tested on 11.01.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/01/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA