

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS007102-01)

Release Date: 19/02/2023

Re-test Date: 18/02/2026

## Saxagliptin RRRR Isomer

### Identification

**Chemical Name :**

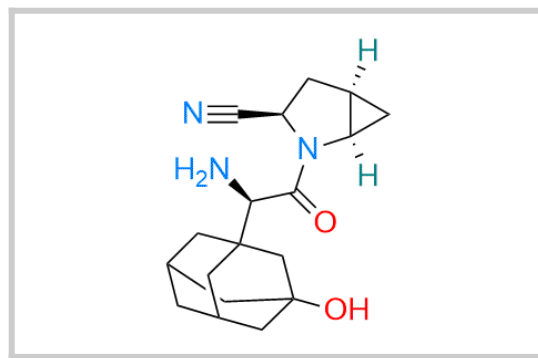
(1R,3R,5R)-2-((2R)-2-amino-2-(3-hydroxyadamantan-1-yl)acetyl)-2-azabicyclo[3.1.0]hexane-3-carbonitrile

CAT No. : KMS007102

CAS No. : 1564265-95-7

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. : S007102-091-311

Description : Off White Solid

HPLC Purity : 95.84 %

Weight Loss By TGA : 3.48 %

% Potency : 92.5 %

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 - 3.48(Weight Loss By TGA)] x [95.84(HPLC Purity)]/100 = 92.5 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/04/2025

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