CERTIFICATE OF ANALYSIS

(Certificate No. KMS007001-01)

Release Date: 11/01/2025 **Re-test Date:** 10/01/2028

Saxagliptin SSSR Isomer

Identification

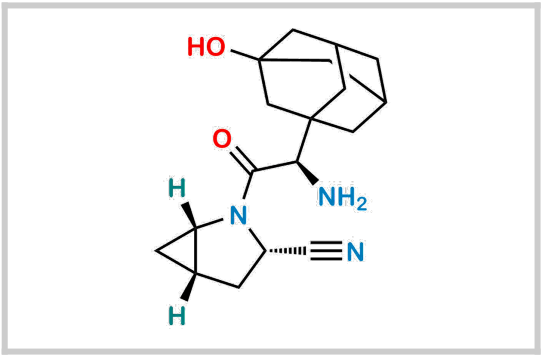
Chemical Name :
(1S,3S,5S)-2-((2R)-2-amino-2-(3-hydroxyadamantan-1-yl)acetyl)-2-azabicyclo[3.1.0]hexane-3-carbonitrile

CAT No. : KMS007001

CAS No. : 1564265-93-5

Molecular Formula : C18H25N3O2

Molecular Weight : 315.4



Analytical Information

Batch No.	: SAX-SSSR-045-065	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 95.42 %	**IR**	: Confirm
Weight Loss By TGA	: 3.59 %	**1H NMR**	: Confirm
% Potency	: 91.99 %		

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(Weight Loss By TGA)] x [95.42(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, 1HNMR, IR and TGA