

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS007005-01)

Release Date: 08/04/2026

Re-test Date: 07/04/2029

## Stage-IV Epimer Saxagliptin

### Identification

**Chemical Name :**

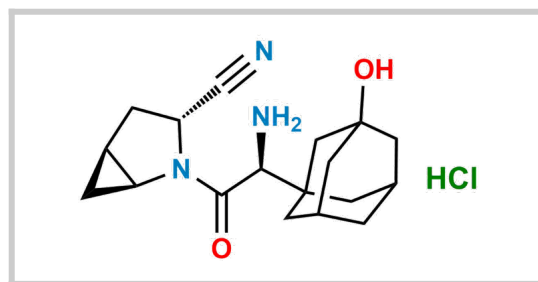
(1S,3R,5S)-2-[(2S)-2-Amino-2-(3-hydroxytricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl)acetyl]-2-azabicyclo[3.1.0]hexane-3-carbonitrile hydrochloride

CAT No. : KMS007005

CAS No. : Not Available

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

Molecular Weight : 315.4 : 36.5



### Analytical Information

Batch No. : SAX-IV-EPI-030-389

Description : Off White Solid

HPLC Purity : 96.38 %

Weight Loss By TGA : 1.90 %

% Potency : 94.55 %

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 - 1.90(Weight Loss By TGA)] x [96.38(HPLC Purity)]/100 = 94.55 %  
-Re-tested on 08.04.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/04/2026
Reviewed & Approved By	Quality Control	Parag Vekariya		10/04/2026

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