

CERTIFICATE OF ANALYSIS

(Certificate No. KMV013023-01)

Release Date: 05/10/2024

Re-test Date: 04/10/2027

Vildagliptin Carboxylic Acid Methyl Ester

Identification

Chemical Name :

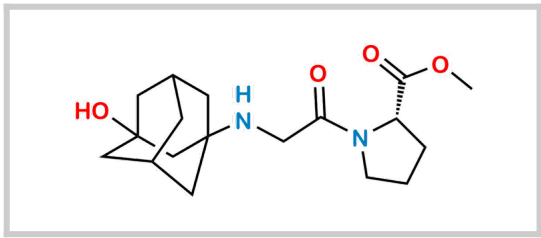
(2S)-1-[2-[(3-Hydroxytricyclo[3.3.1.1^{3,7}]dec-1-yl)amino]acetyl]-2-pyrrolidine carboxylic acid methyl ester

CAT No. : KMV013023

CAS No. : 948574-56-9

Molecular Formula : C₁₈H₂₈N₂O₄

Molecular Weight : 336.4



Analytical Information

Batch No. : V013023-073-402

Description : Light Yellow Hygroscopic Semi Solid

HPLC Purity : 99.28 %

Weight Loss By TGA : 2.90 %

% Potency : 96.4 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H 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 - 2.90(Weight Loss By TGA)] x [99.28(HPLC Purity)]/100 = 96.4 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		05/10/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA