CERTIFICATE OF ANALYSIS

(Certificate No. KMV013003-01)

Release Date: 01/06/2026 **Re-test Date:** 31/05/2029

N-Nitroso Vildagliptin Carboxylic Acid Impurity

Identification

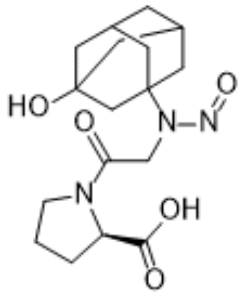
Chemical Name :
N-((1r,3R,5R,7S)-3-Hydroxyadamantan-1-yl)-N-nitrosoglycyl-L-proline

CAT No. : KMV013003

CAS No. : Not Available

Molecular Formula : C17H25N3O5

Molecular Weight : 351.40



Analytical Information

Batch No. : V013003-114-360

Description : Off White Solid

HPLC Purity : 99.64 %

Weight Loss By TGA : 0.70 %

% Potency : 98.94 %

Solubility : ACN : WATER (1 : 1)

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 - 0.70(Weight Loss By TGA)] x [99.64(HPLC Purity)]/100 = 98.94 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		01/06/2026

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