CERTIFICATE OF ANALYSIS

(Certificate No. KMV013001-01)

Release Date: 20/03/2024 **Re-test Date:** 19/03/2027

N-Nitroso Vildagliptin

Identification

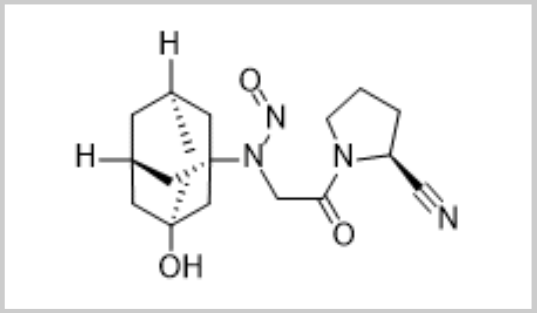
Chemical Name :
N-(2-((S)-2-Cyanopyrrolidin-1-yl)-2-oxoethyl)-N-((1r,3R,5R,7S)-3-hydroxyadamantan-1-yl)nitrous amide

CAT No. : KMV013001

CAS No. : Not Available

Molecular Formula : C17H24N4O3

Molecular Weight : 332.40



Analytical Information

Batch No. : VIL-N-NO-030-290

Description : Off White Solid

HPLC Purity : 99.98 %

Weight Loss By TGA : 0.30 %

% Potency : 99.68 %

Solubility : ACN

Mass : Confirm as Sodium adduct

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 - 0.30(Weight Loss By TGA)] x [99.98(HPLC Purity)]/100 = 99.68 %
-Re-tested on 20.03.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		09/12/2024

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