CERTIFICATE OF ANALYSIS

(Certificate No. KMV013004-02)

Release Date: 10/09/2024 **Re-test Date:** 09/09/2027

N-Nitroso Vildagliptin Methyl Ester Impurity

Identification

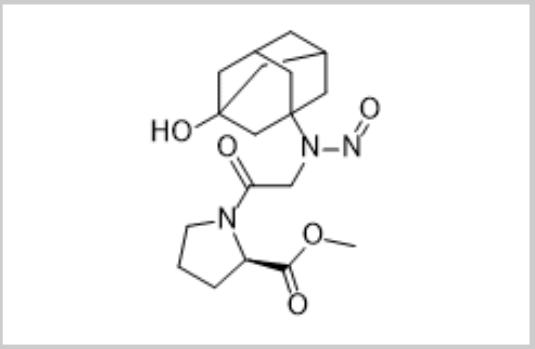
Chemical Name :
(2R)-methyl 1-(2-((3-hydroxyadamantan-1-yl)(nitroso)amino)acetyl)pyrrolidine-2-carboxylate

CAT No. : KMV013004

CAS No. : Not Available

Molecular Formula : C18H27N3O5

Molecular Weight : 365.42



Analytical Information

Batch No.	: V013004-073-372	**Solubility**	: Acetonitrile
Description	: Brown Solid	**Mass**	: Confirm
HPLC Purity	: 96.01 %	**IR**	: Confirm
Weight Loss By TGA	: 0.57 %	**1H NMR**	: Confirm
% Potency	: 95.46 %		

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 - 0.57(Weight Loss By TGA)] x [96.01(HPLC Purity)]/100 = 95.46 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		10/09/2024

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