

# CERTIFICATE OF ANALYSIS

(Certificate No. KMV013014-01)

Release Date: 02/05/2026

Re-test Date: 01/05/2029

## Vildagliptin IHS

### Identification

**Chemical Name :**

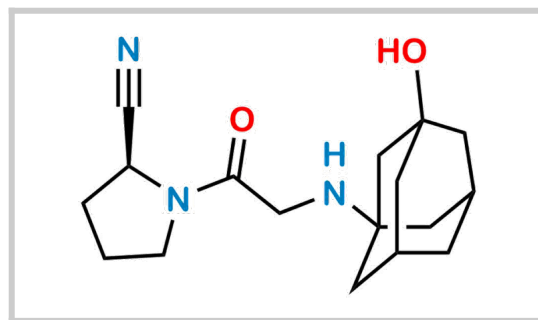
(S)-1-(((1r,3R,5R,7S)-3-Hydroxyadamantan-1-yl)glycyl)pyrrolidine-2-carbonitrile

CAT No. : KMV013014

CAS No. : 274901-16-5

Molecular Formula : C<sub>17</sub>H<sub>25</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight : 303.4



### Analytical Information

Batch No. : V013014-114-290

Description : White Solid

HPLC Purity : 98.57 %

Weight Loss By TGA : 0.10 %

% Potency : 98.47 %

Solubility : ACN

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C 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 - 0.10(Weight Loss By TGA)] x [98.57(HPLC Purity)]/100 = 98.47 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		02/05/2026

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA