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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2023

Re-test Date: Feb 2026

**Product Name: Vildagliptin Amide Impurity**

### Identification:

Chemical Name: (2S)-1-[2-[(3-Hydroxytricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl)amino]acetyl]-2-pyrrolidine carboxamide

Synonyms : Vildagliptin Carboxamide  
Impurity

CAS Number : 565453-39-6

CAT Number : CP-V1001

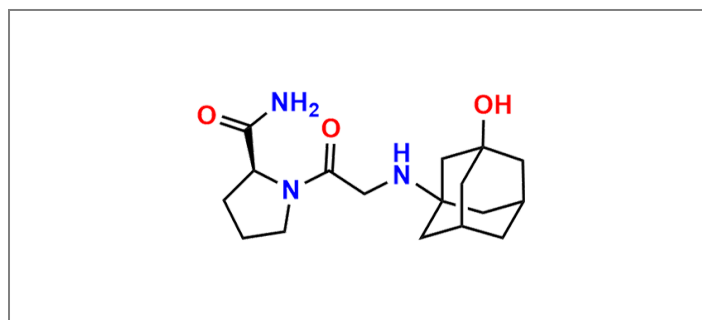
Molecular Formula : C<sub>17</sub>H<sub>27</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight : 321.42

Batch Number : CHEM-VID-A-1610-001

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Sticky Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.75%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.