

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Vildagliptin Amide Impurity

Identification:

Chemical Name: (2S)-1-[2-[(3-Hydroxytricyclo[3.3.1.1^{3,7}]dec-1-yl)amino]acetyl]-2-pyrrolidine carboxamide

Synonyms : Vildagliptin Carboxamide
Impurity

CAS Number : 565453-39-6

CAT Number : CP-V1001

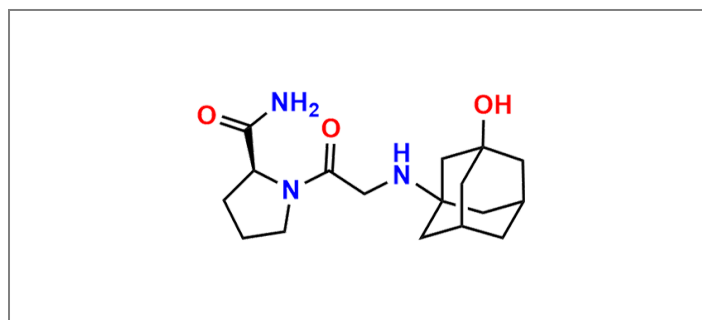
Molecular Formula : C₁₇H₂₇N₃O₃

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 to Light Brown Sticky Hygroscopic Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 96.17% |
| 5) | H1NMR | Confirm to structure |
| 6) | 13CNMR | Confirm to structure |
| 7) | IR | 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.