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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2026

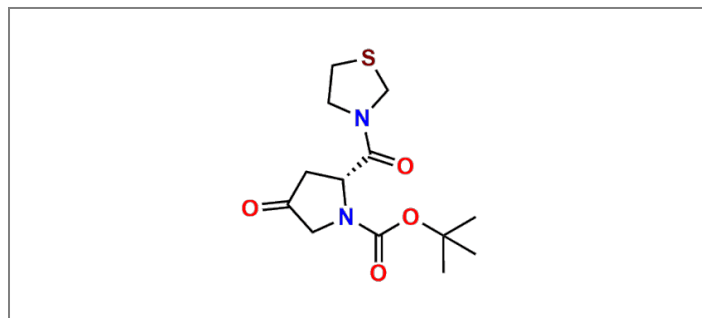
Re-test Date: Jun 2029

**Product Name: Teneligliptin (2R) isomer Impurity**

### Identification:

Chemical Name: (2R)-4-Oxo-2-(3-thiazolidinylcarbonyl)-1-pyrrolidinecarboxylic Acid 1,1-Dimethylethyl Ester

Synonyms : NA  
CAS Number : 1415908-67-6  
CAT Number : CP-T16017  
Molecular Formula : C<sub>13</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>S  
Molecular Weight : 300.37  
Batch Number : CP-44-244



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       | White solid                 |
| 2)      | Solubility        | Solubility in Methanol/DMSO |
| 3)      | Mass Spectrometry | Confirm to Structure        |
| 4)      | Purity by HPLC    | 99.09 %                     |
| 5)      | <sup>1</sup> HNMR | Confirm to Structure        |



### Prepared and Reviewed By



Mr. Shubham Bondre  
(Quality Control)

### Approved By



Mr. Abhijit Kale  
(Quality Assurance)

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