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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

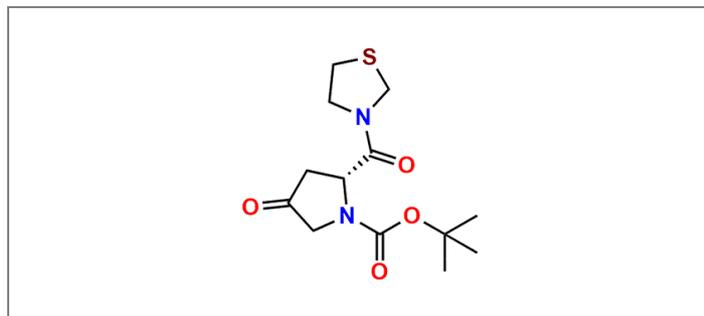
Re-test Date: Oct 2027

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 : C₁₃H₂₀N₂O₄S
Molecular Weight : 300.37
Batch Number : CP-TEN-R1-1124
Storage Condition : Tightly closed, Inert atmosphere at -20° C
Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow to Light Brown Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	HPLC	93.33%
5)	¹ HNMR	Confirm to Structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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