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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

Product Name: Teneligliptin Impurity C

Identification:

Chemical Name: tert-Butyl(2S,4S)-4-hydroxy-2-(thiazolidine-3-carbonyl)pyrrolidine-1-carboxylate

Synonyms : NA

CAS Number : 401564-34-9

CAT Number : CP-T16003

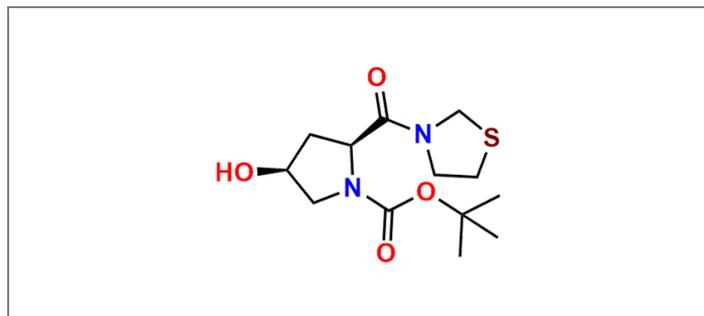
Molecular Formula : C₁₃H₂₂N₂O₄S

Molecular Weight : 302.39

Batch Number : CHEM-TEN-C

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 to Off-White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.59%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	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.