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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2023

Re-test Date: Oct 2026

Product Name: Teneligliptin R-Isomer

Identification:

Chemical Name: [(2R,4R)-4-[4-(3-Methyl-1-phenyl-1H-pyrazol-5-yl)-1-piperazinyl]-2-pyrrolidinyl]-3-thiazolidinylmethanone

Synonyms : Teneligliptin (2R,4R)-Isomer

CAS Number : 1404559-17-6

CAT Number : CP-T16006

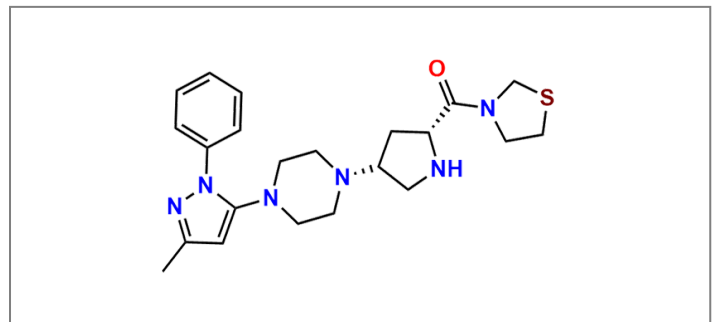
Molecular Formula : C₂₂H₃₀N₆O₆S

Molecular Weight : 426.58

Batch Number : CP-TEN-RI-0523

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	Brown Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.24%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.692%
8)	Potency by TGA	95.54%



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.