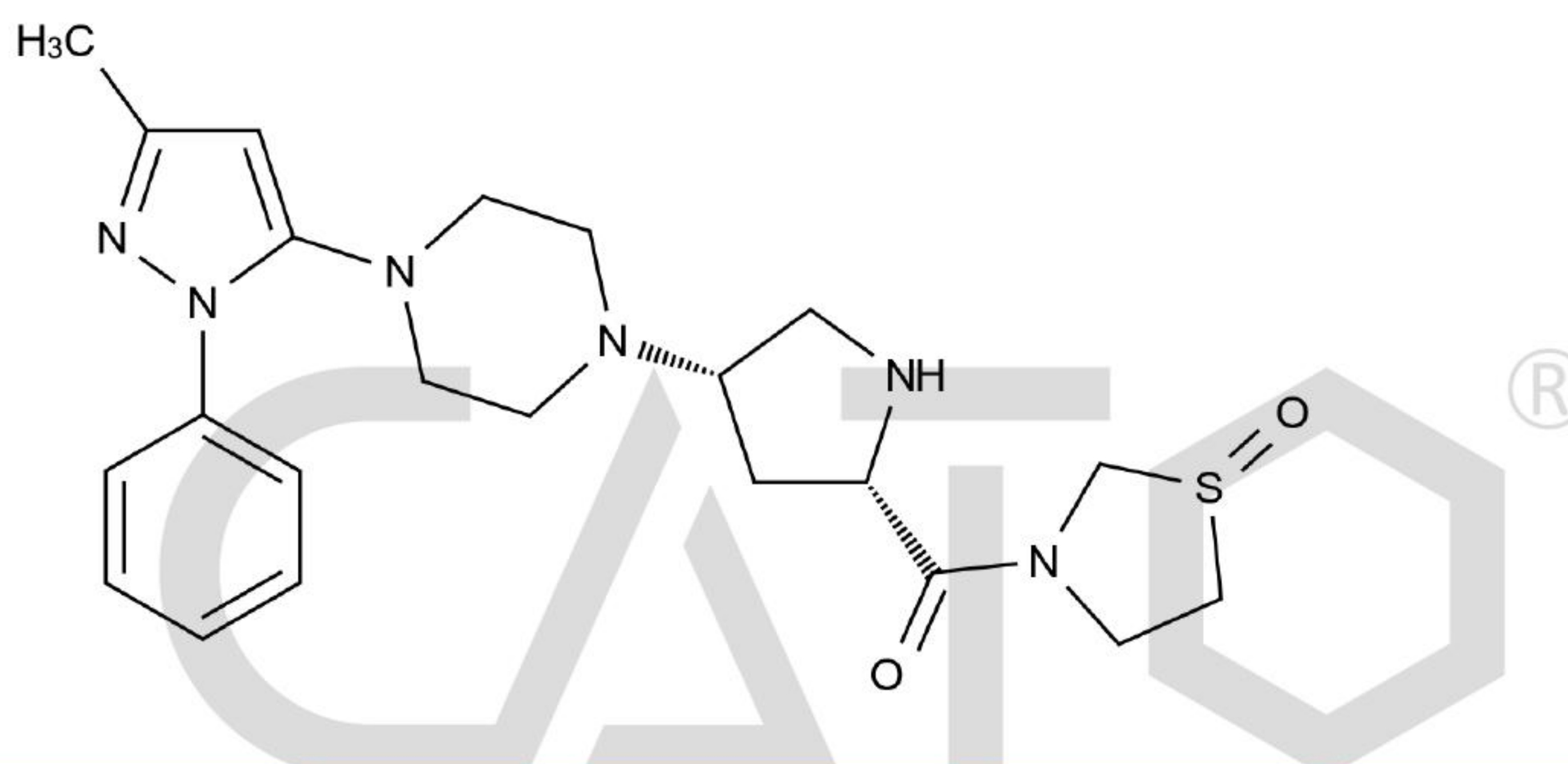


Certificate of Analysis

Reference Material & Standard

Product Name:	Teneligliptin Impurity 15	Catalogue Number:	C4X-176015
Synonyms:	N/A	Lot Number:	0907-RH-0062
CAS Number:	2478551-43-6	Expiry Date:	Jul 08, 2030
Molecular Formula:	C ₂₂ H ₃₀ N ₆ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	442.58	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.730%
Water Content	Karl Fischer	1.72%
Residual Solvents	NMR	1.34% methanol
Assay		96.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Sep 07, 2026

Date: Sep 07, 2026

Date: Sep 07, 2026



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