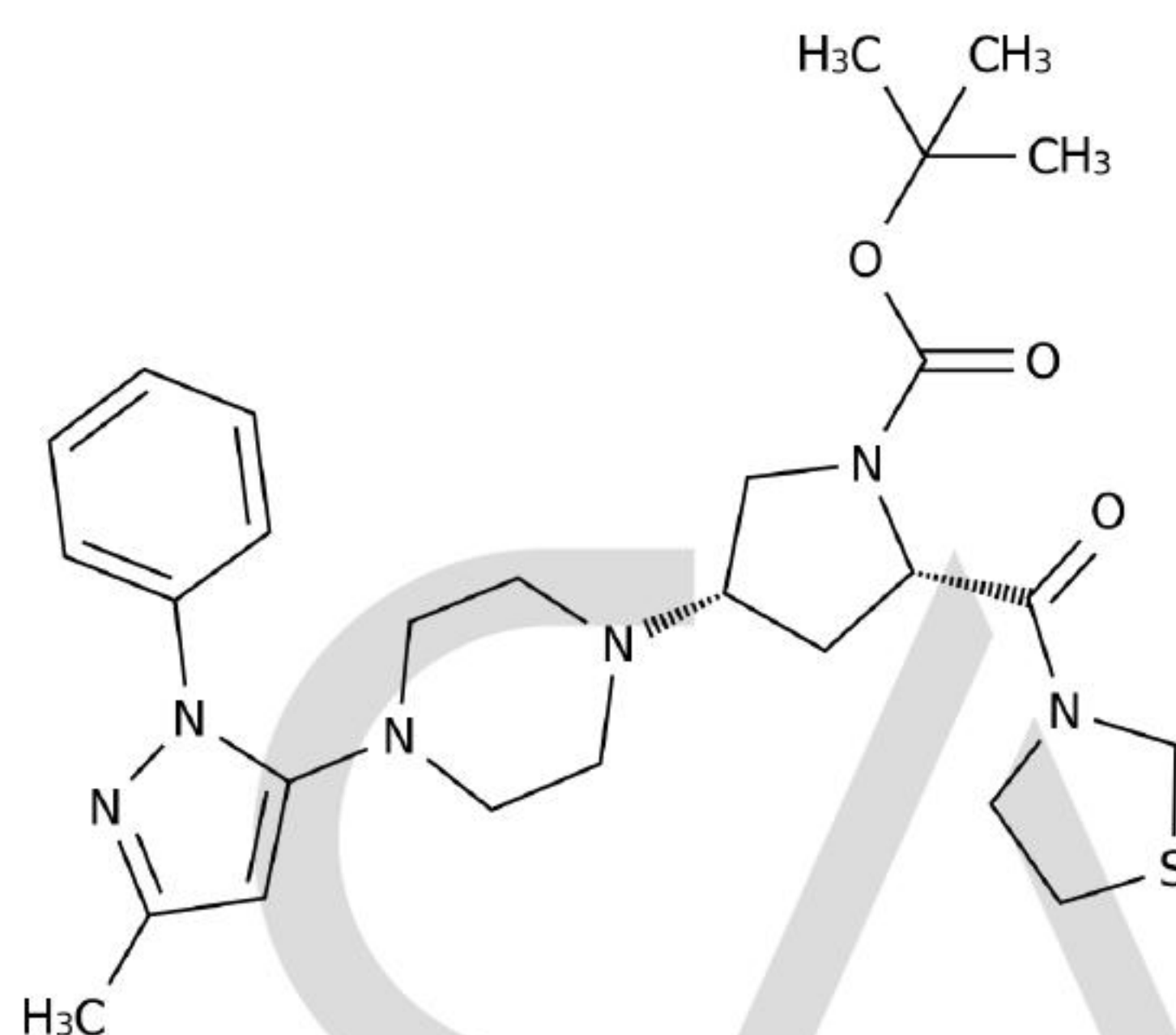


Certificate of Analysis

Reference Material & Standard

Product Name:	Teneligliptin Impurity 4	Catalogue Number:	C4X-17604
Synonyms:	N/A	Lot Number:	0826-RF-0072
CAS Number:	401566-80-1	Expiry Date:	Sep 20, 2030
Molecular Formula:	C ₂₇ H ₃₈ N ₆ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	526.69	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	96.812%
Loss on Drying	TGA	0.7242%
Assay		96.1%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 21, 2026

Date: Sep 21, 2026

Date: Sep 21, 2026



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