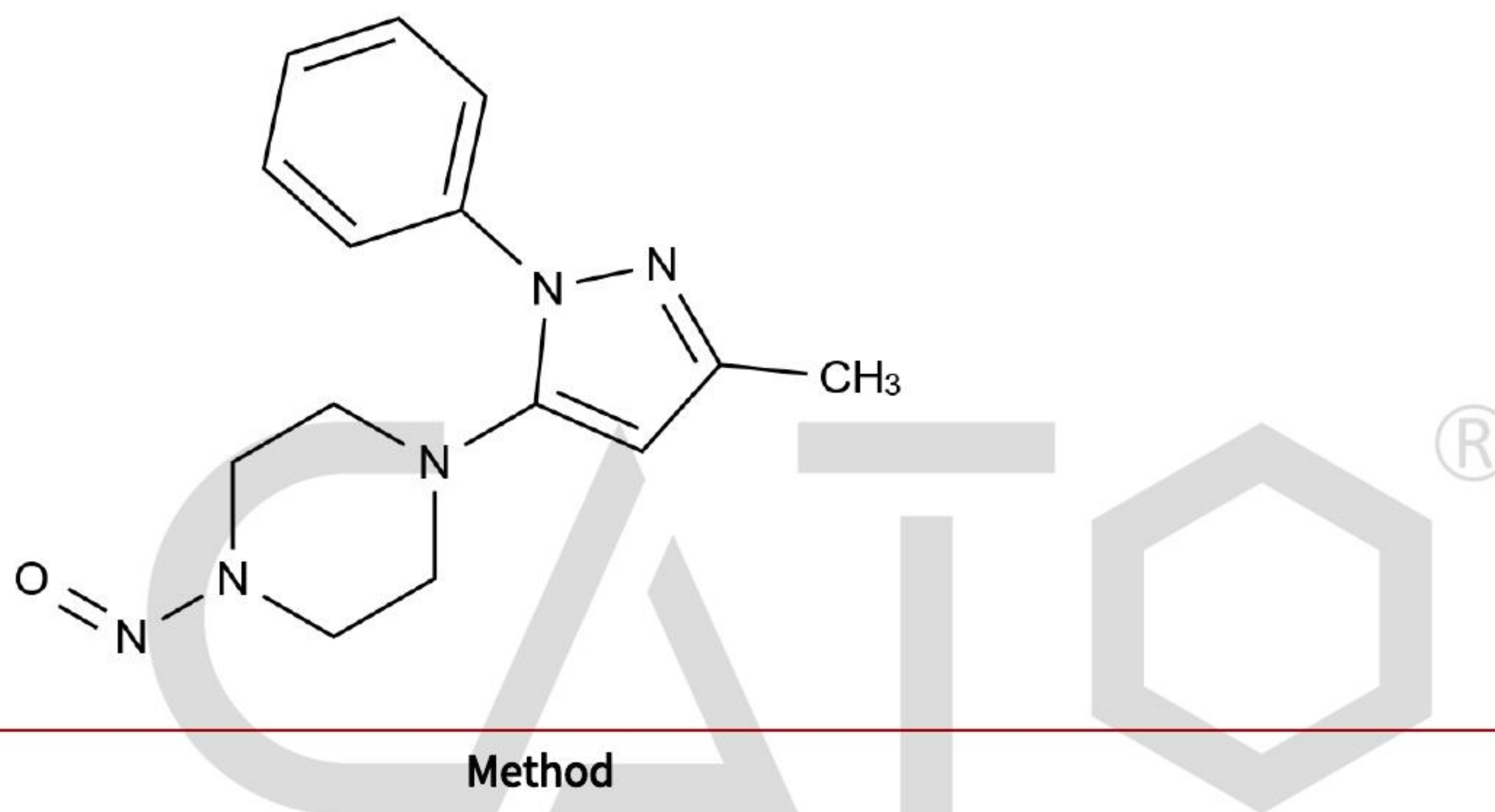


Certificate of Analysis

Reference Material & Standard

Product Name:	Teneligliptin Impurity 18	Catalogue Number:	C4X-176018
Synonyms:	N/A	Lot Number:	0626-RG-0009
CAS Number:	N/A	Expiry Date:	Jun 26, 2028
Molecular Formula:	C ₁₄ H ₁₇ N ₅ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	271.32		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.952%
Loss On Drying	TGA	0.3728%
Assay		99.6%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 27, 2025

Date: Jun 27, 2025

Date: Jun 27, 2025

