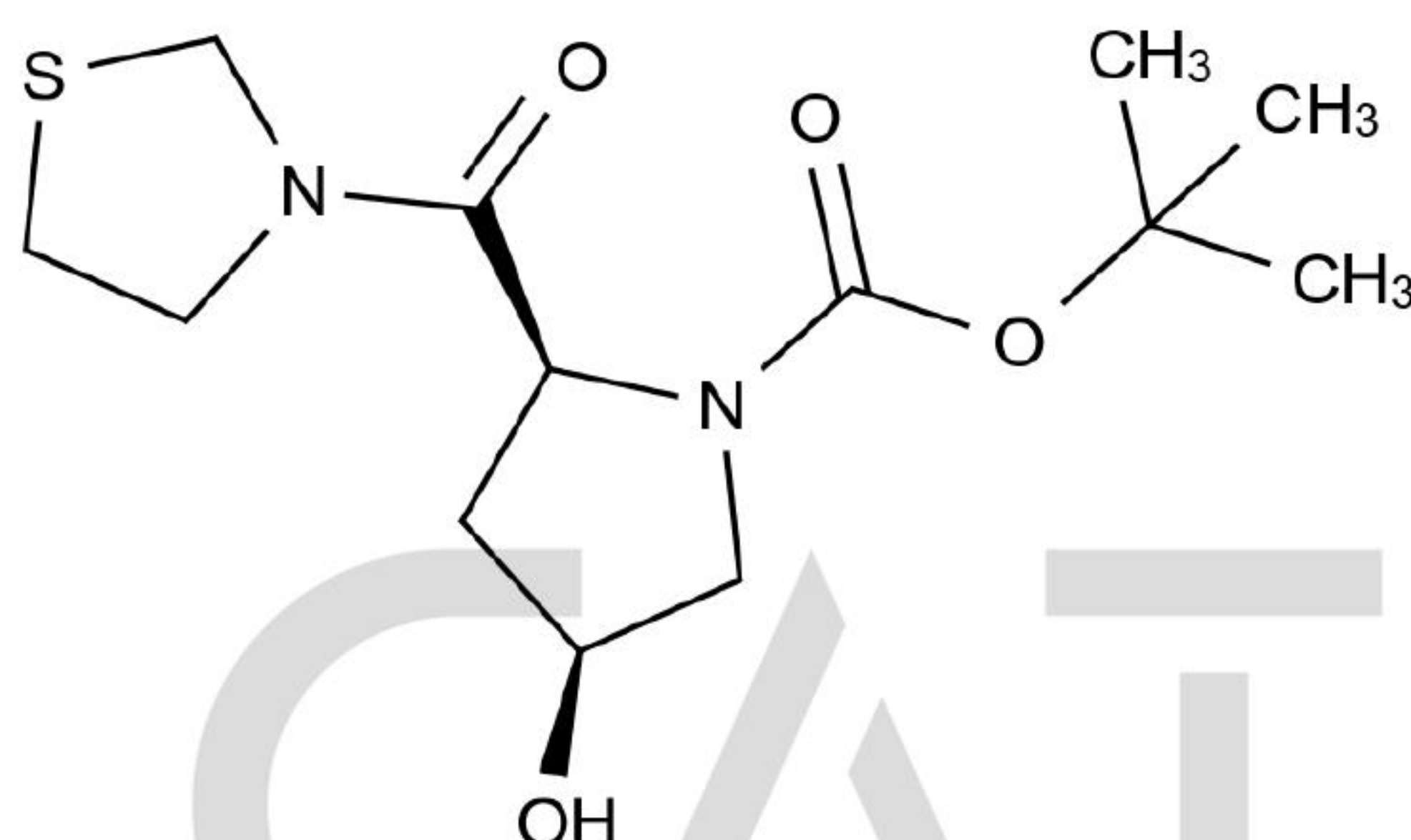


Certificate of Analysis

Reference Material & Standard

Product Name:	Teneligliptin impurity 23	Catalogue Number:	C4X-176023
Synonyms:	N/A	Lot Number:	0108-RG-0065
CAS Number:	401564-34-9	Expiry Date:	Jan 09, 2028
Molecular Formula:	C ₁₃ H ₂₂ N ₂ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	302.39		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.564%
Loss On Drying	TGA	0.4584%
Assay		98.1%

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: Jan 10, 2025

Date: Jan 10, 2025

Date: Jan 10, 2025

