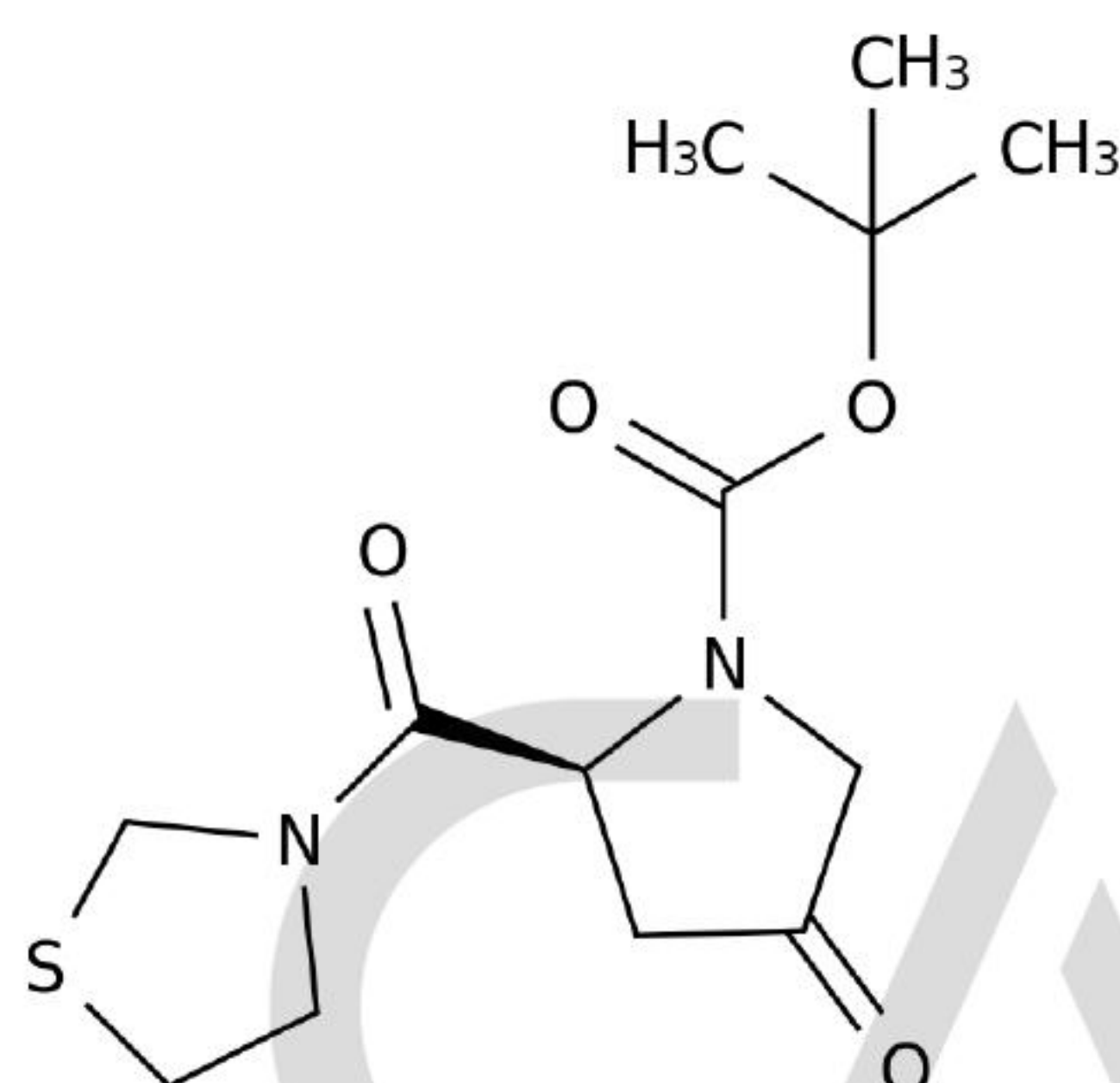


Certificate of Analysis

Reference Material & Standard

Product Name:	Teneligliptin Impurity 3	Catalogue Number:	C4X-17603
Synonyms:	N/A	Lot Number:	0106-RG-0006
CAS Number:	401564-36-1	Expiry Date:	Jan 06, 2028
Molecular Formula:	C ₁₃ H ₂₀ N ₂ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	300.37		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.730%
Loss On Drying	TGA	0.0156%
Assay		99.7%

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: Apr 24, 2025

Date: Apr 24, 2025

Date: Apr 24, 2025

