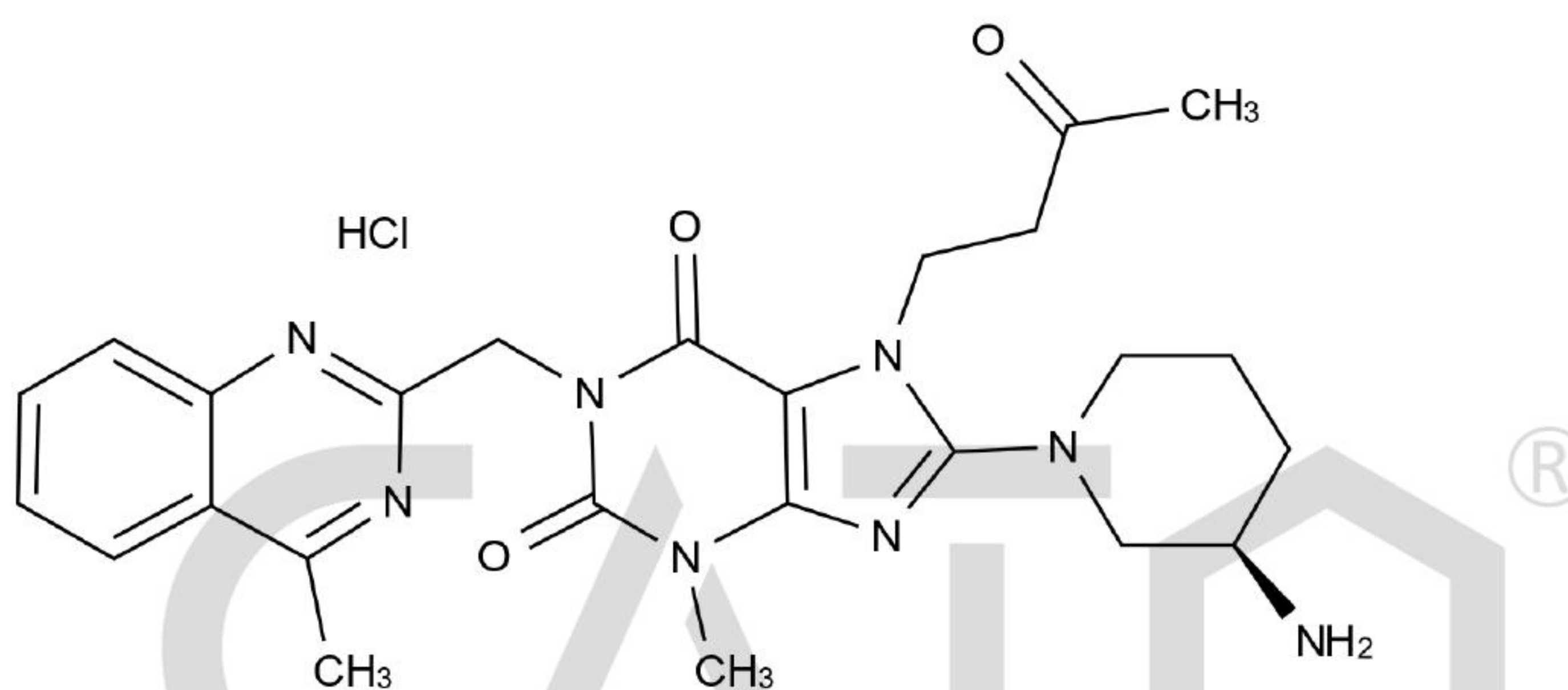


Certificate of Analysis

Reference Material & Standard

Product Name:	Linagliptin Impurity 61 HCl	Catalogue Number:	C4X-110161
Synonyms:	N/A	Lot Number:	0424-RG-0058
CAS Number:	N/A	Expiry Date:	Apr 28, 2028
Molecular Formula:	C ₂₅ H ₃₀ N ₈ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	490.56 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8%
Assay	qNMR	90.6%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 29, 2025

Date: Apr 29, 2025

Date: Apr 29, 2025

