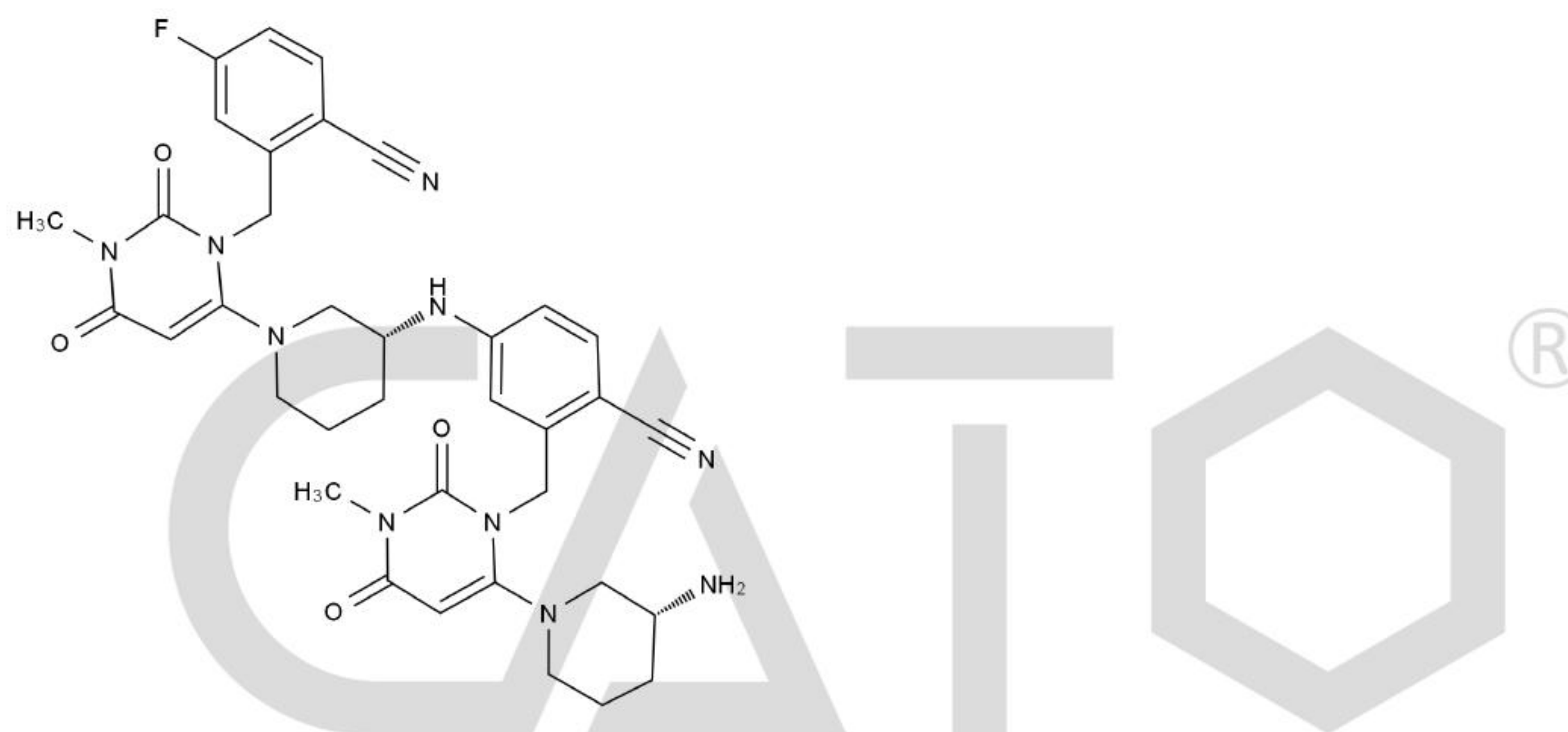


Certificate of Analysis

Reference Material & Standard

Product Name:	Trelagliptin Impurity 52	Catalogue Number:	C4X-104652
Synonyms:	N/A	Lot Number:	1026-RG-0110
CAS Number:	N/A	Expiry Date:	Oct 18, 2029
Molecular Formula:	C ₃₆ H ₃₉ FN ₁₀ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	694.76	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	98.998%
Loss On Drying	TGA	0.51%
Assay		98.5%

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: Jan 13, 2026

Date: Jan 13, 2026

Date: Jan 13, 2026



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