

Certificate of Analysis

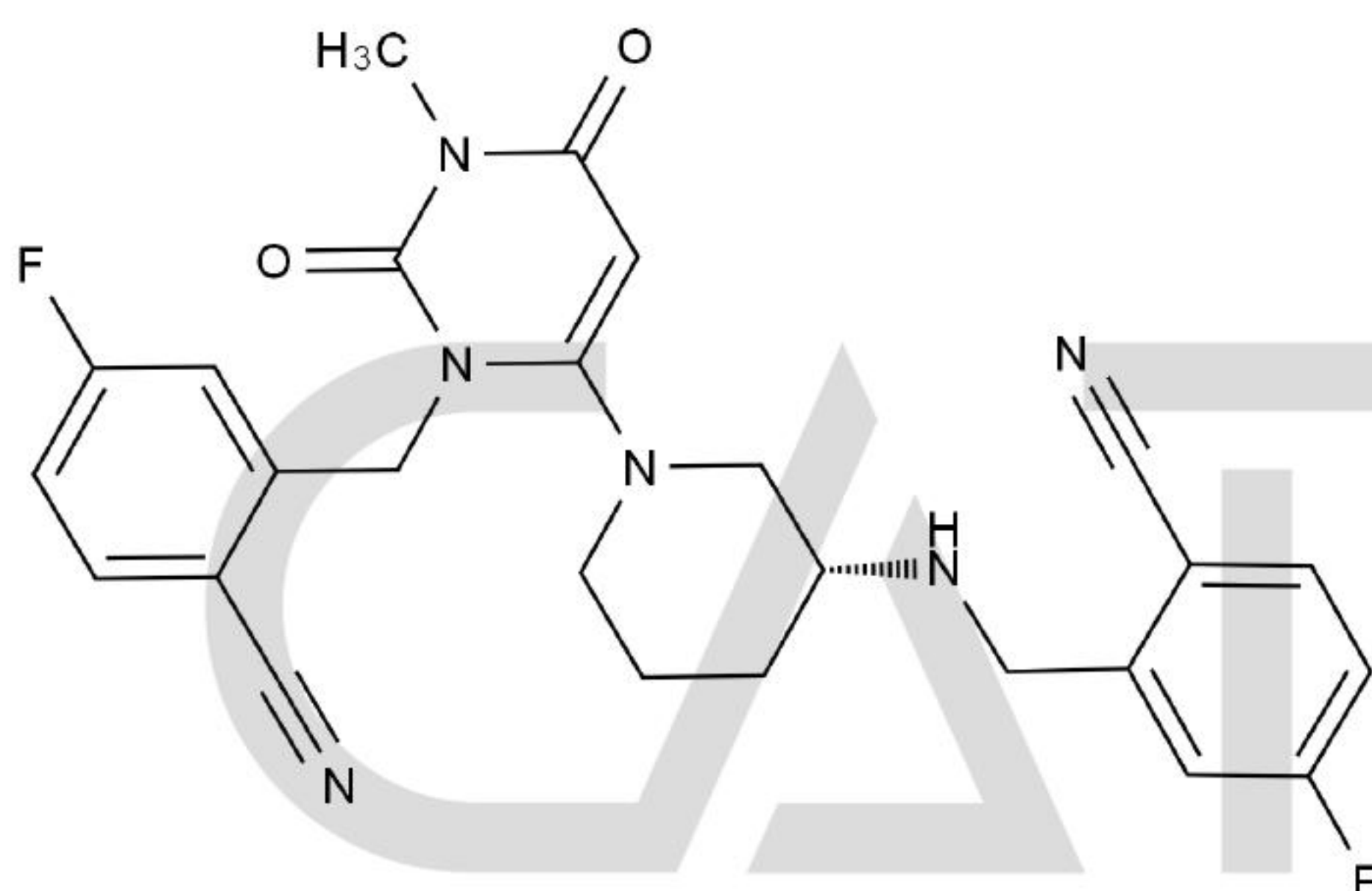
Reference Material & Standard

Product Name:	Trelagliptin Impurity 2	Catalogue Number:	C4X-10462
Synonyms:	N/A	Lot Number:	1124-RG-0069
CAS Number:	N/A	Expiry Date:	Nov 25, 2029
Molecular Formula:	C ₂₆ H ₂₄ F ₂ N ₆ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	490.50	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	HRMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	95.110%
Water Content	Karl Fischer	0.32%
Residual Solvents	NMR	1.40% acetonitrile
Assay		93.5%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 26, 2025

Date: Nov 27, 2025

Date: Nov 27, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

