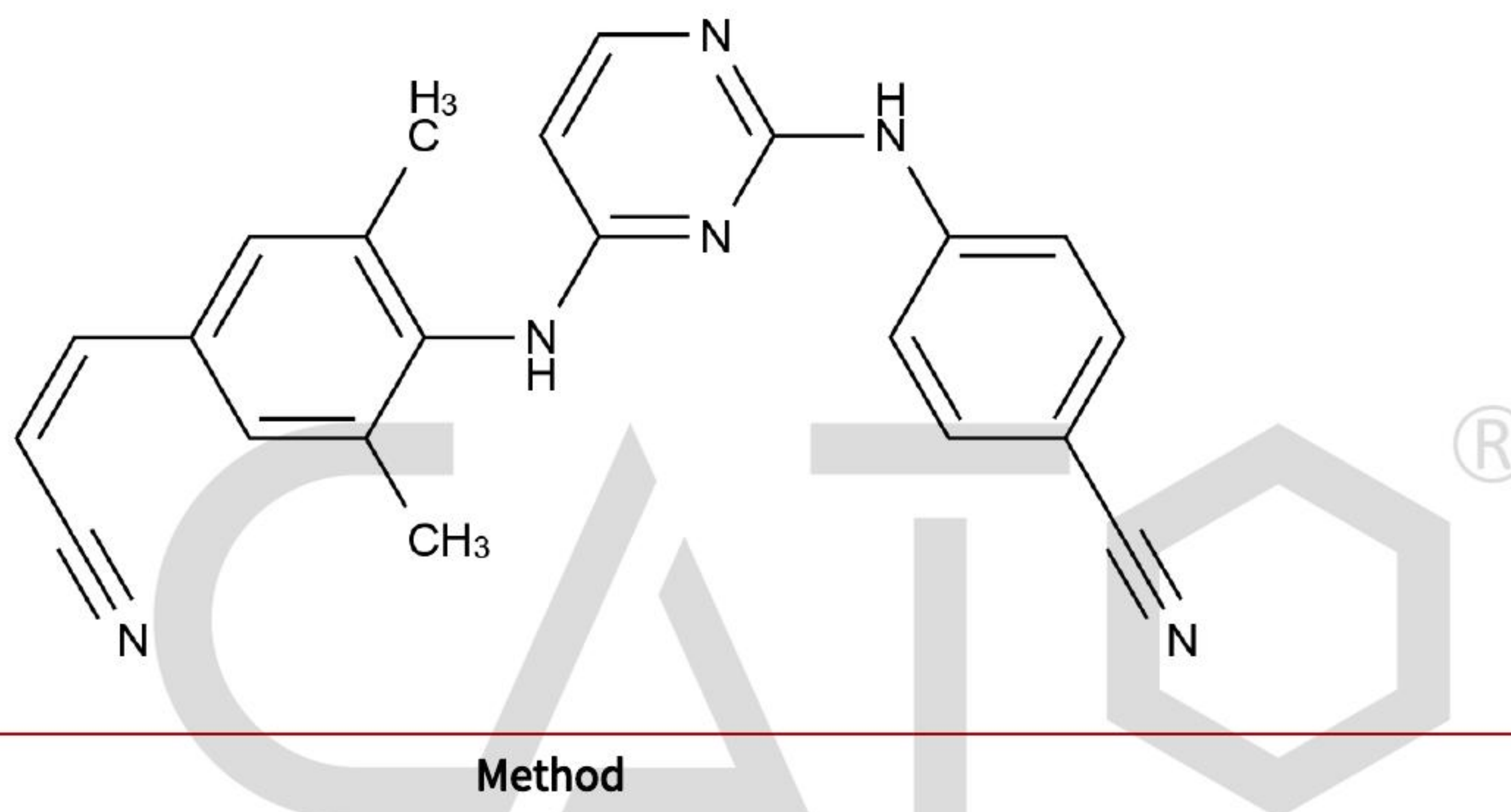


Certificate of Analysis

Reference Material & Standard

Product Name:	Rilpivirine (Z-Isomer)	Catalogue Number:	C4X-136311
Synonyms:	N/A	Lot Number:	1119-RF-0020
CAS Number:	500287-94-5	Expiry Date:	May 19, 2028
Molecular Formula:	C ₂₂ H ₁₈ N ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	366.42		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	95.83%
Residue on Ignition	TGA	0.61%
Loss On Drying	TGA	0.11%
Assay		95.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Nov 22, 2024

Date: Nov 22, 2024

Date: Nov 22, 2024

