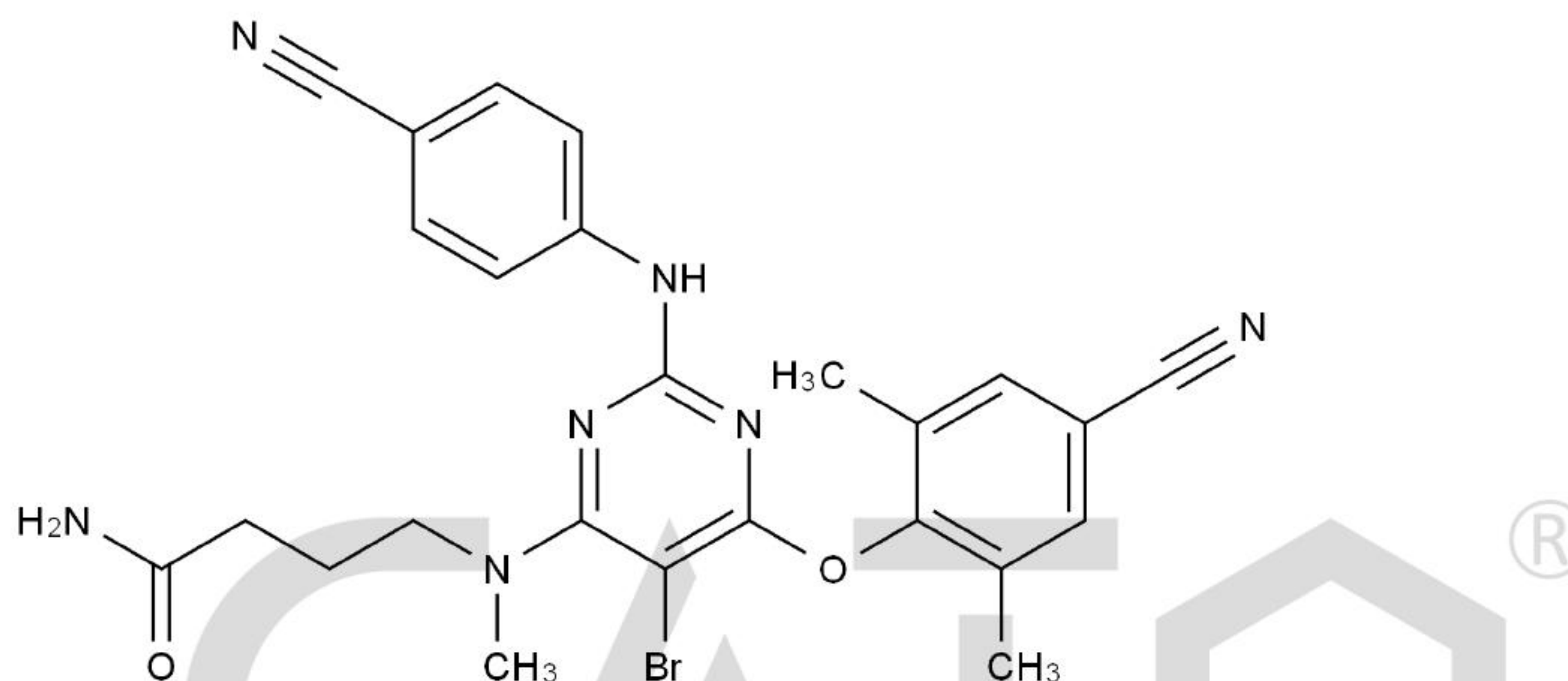


Certificate of Analysis

Reference Material

Product Name:	Etravirine Impurity 7	Catalogue Number:	C4X-13567
Chemical Name:	N/A	Lot Number:	0810-RD-0001
CAS Number:	2240161-92-4	Expiry Date:	Jul 25, 2025
Molecular Formula:	C ₂₅ H ₂₄ BrN ₇ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	534.41		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.0093%
Water Content	Karl Fischer	0.2%
Residual Solvents	NMR	1.0% isopropanol
Assay		95.8%

Comment:

The calculation of the 100% 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:

Hin Lam

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Jul 27, 2022

Date: Aug 15, 2022

Date: Aug 15, 2022

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