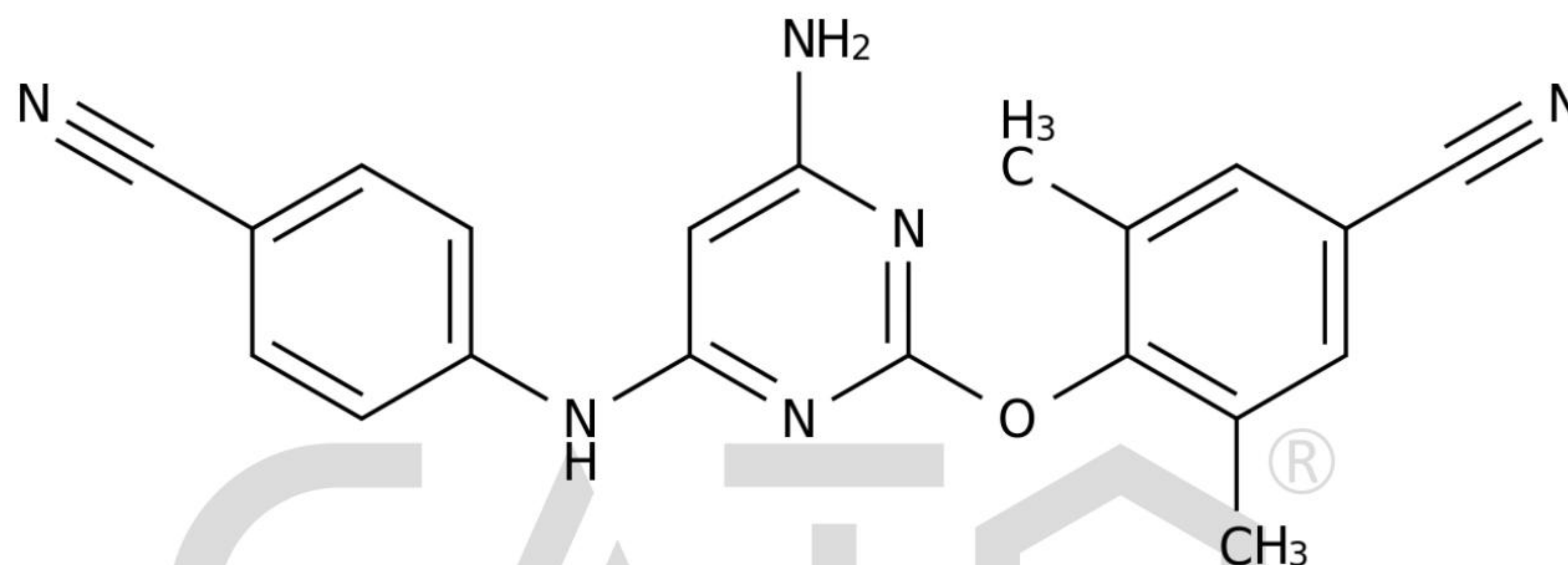


Certificate of Analysis

Reference Material

Product Name:	Etravirine Impurity 4	Catalogue Number:	C4X-13564
Chemical Name:	N/A	Lot Number:	0708-RD-0005
CAS Number:	939431-68-2	Expiry Date:	Sep 09, 2023
Molecular Formula:	C ₂₀ H ₁₆ N ₆ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	356.38		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	UPLC	96.95%
Loss On Drying	TGA	0.8168%
Assay		96.2%

Comment:

The calculation of the 100% method follows the formula:

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity UPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, UPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Sep 14, 2021

Date: Jul 12, 2022

Date: Jul 12, 2022

Tel: +86-20-81960175

Fax: +86-20-81717260

Email: supports@cato-chem.com

Web: www.cato-chem.com

Add: Room 101, Building B, No.179, Guangpu East Road, Huangpu District, Guangzhou (Location: Room 301, Room 401, Room 501)

