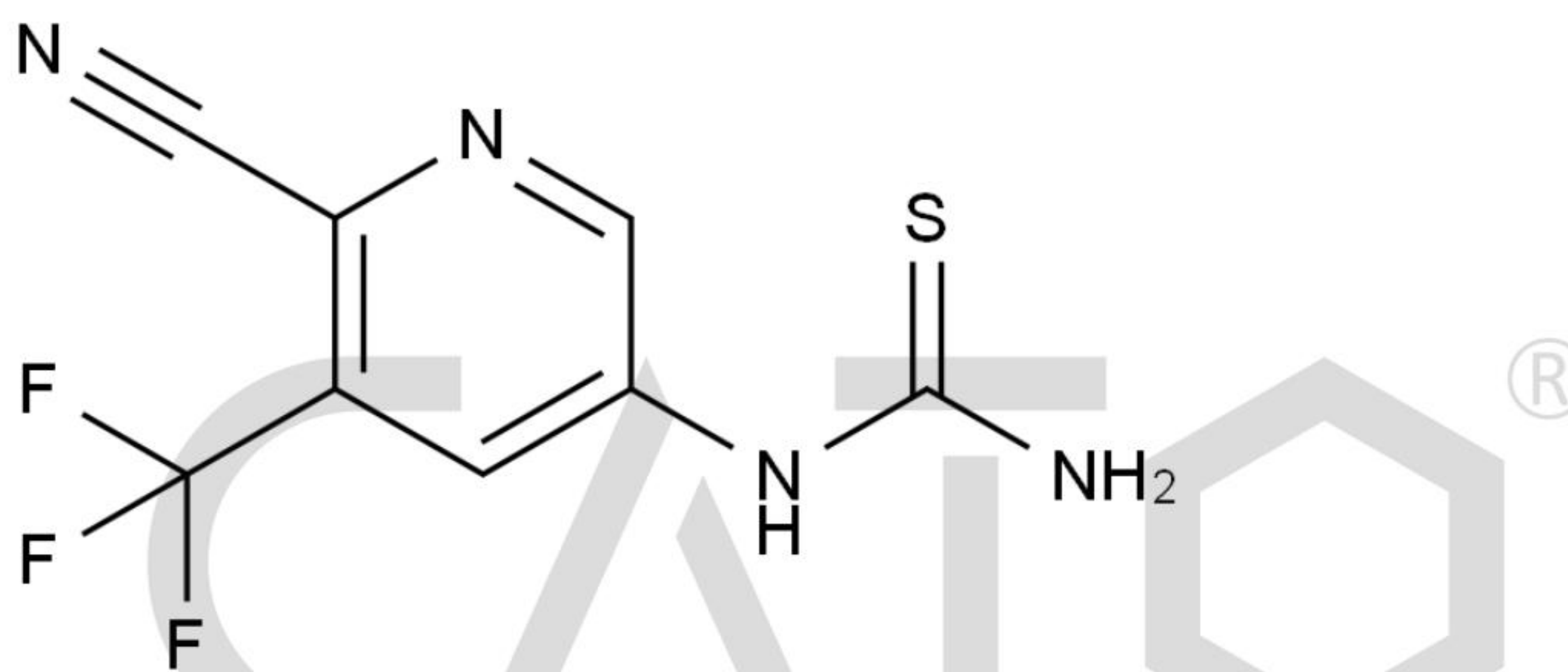


Certificate of Analysis

Reference Material & Standard

Product Name:	Apalutamide Impurity 12	Catalogue Number:	C4X-274912
Synonyms:	N/A	Lot Number:	1104-RG-0040
CAS Number:	2422147-84-8	Expiry Date:	Nov 05, 2029
Molecular Formula:	C ₈ H ₅ F ₃ N ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	246.21	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.014%
Loss On Drying	TGA	0.1452%
Assay		97.9%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 06, 2025

Date: Nov 06, 2025

Date: Nov 06, 2025



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