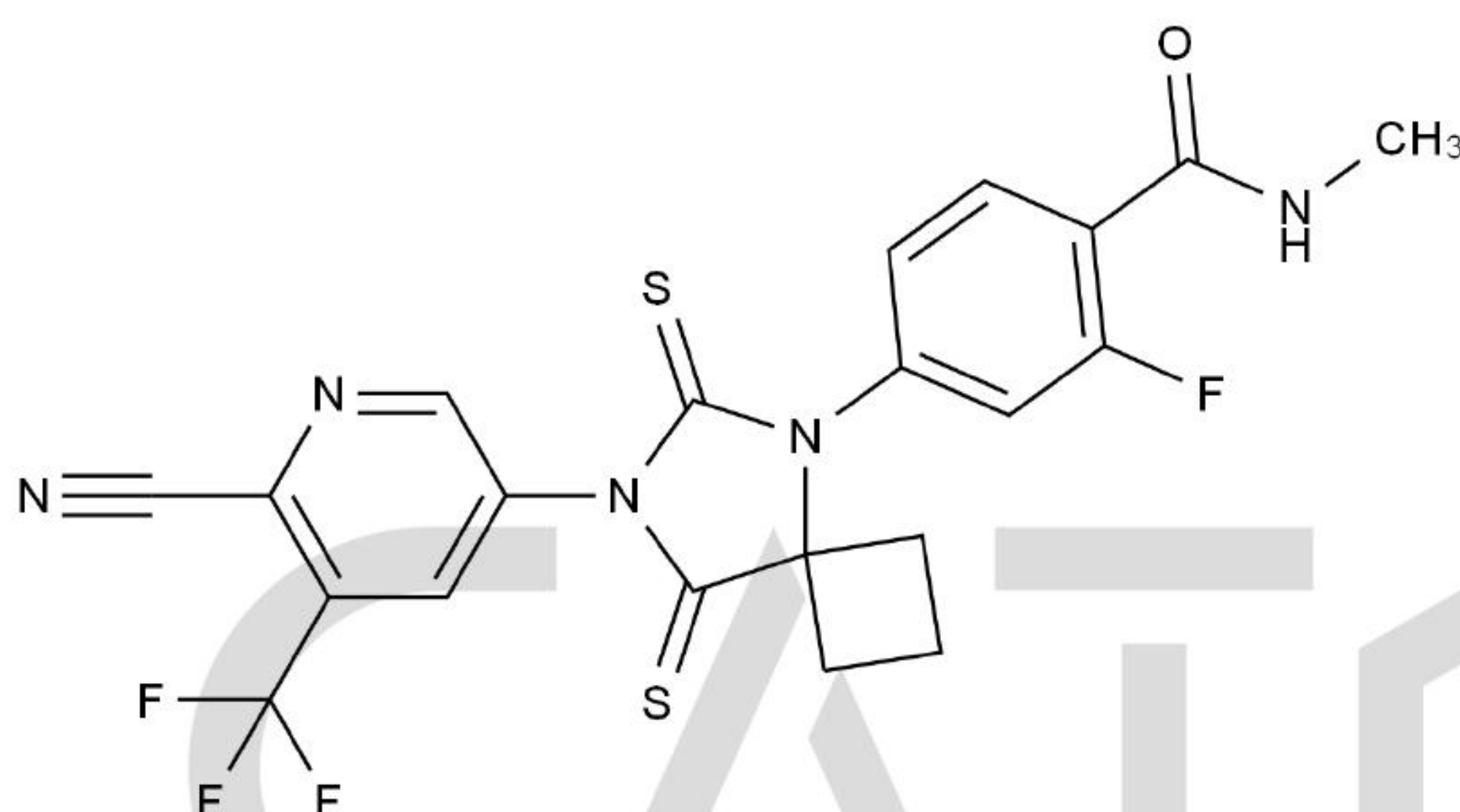


Certificate of Analysis

Reference Material & Standard

Product Name:	Apalutamide Impurity 13	Catalogue Number:	C4X-274913
Synonyms:	N/A	Lot Number:	0508-RF-0037
CAS Number:	2649802-40-2	Expiry Date:	May 12, 2027
Molecular Formula:	C ₂₁ H ₁₅ F ₄ N ₅ O ₂ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	493.50		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	97.179%
Loss On Drying	TGA	1.4350%
Assay		95.8%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: May 15, 2024

Date: May 15, 2024

Date: May 15, 2024

