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## CERTIFICATE OF ANALYSIS

Analysis Date:

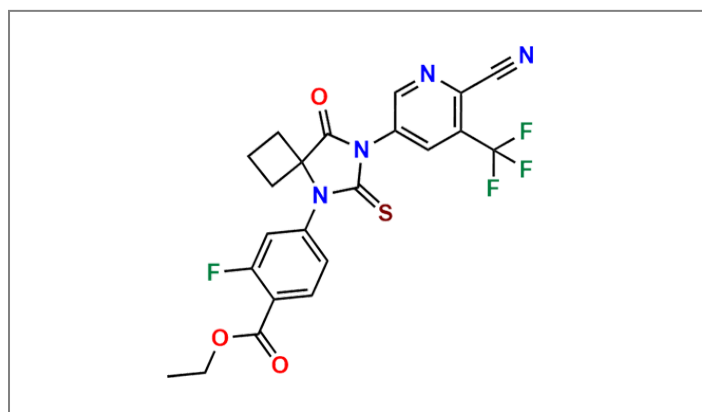
Re-test Date:

**Product Name: Apalutamide Impurity 20**

**Identification:**

Chemical Name: Ethyl 4-(7-(6-cyano-5-(trifluoromethyl)pyridin-3-yl)-8-oxo-6-thioxo-5,7-diazaspiro[3.4]octan-5-yl)-2-fluorobenzoate

Synonyms : NA  
CAS Number : 1332388-83-6  
CAT Number : CP-A92028  
Molecular Formula : C<sub>22</sub>H<sub>16</sub>F<sub>4</sub>N<sub>4</sub>O<sub>3</sub>S  
Molecular Weight : 492.45



**Analytical Information:**

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

**Prepared and Reviewed By**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.