

# CERTIFICATE OF ANALYSIS

(Certificate No. KME008010-01)

Release Date: 16/12/2023

Re-test Date: 15/12/2026

## Enzalutamide Impurity 1

### Identification

**Chemical Name :**

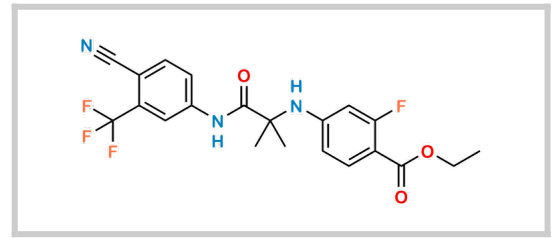
Ethyl 4-((1-((4-cyano-3-(trifluoromethyl)phenyl)amino)-2-methyl-1-oxopropan-2-yl)amino)-2-fluorobenzoate

CAT No. : KME008010

CAS No. : 2463603-98-5

Molecular Formula : C<sub>21</sub>H<sub>19</sub>F<sub>4</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight : 437.4



### Analytical Information

Batch No. : ENZ-IMP-1-045-347

Description : Off White Solid

HPLC Purity : 98.26 %

Weight Loss By TGA : 1.35 %

% Potency : 96.93 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.35(Weight Loss By TGA)] x [98.26(HPLC Purity)]/100 = 96.93 %

Remarks : COA Re-generated on 08.02.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		08/02/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA