

# CERTIFICATE OF ANALYSIS

(Certificate No. KME008093-02)

Release Date: 23/06/2025

Re-test Date: 22/06/2028

## DIOXOIMIDAZOLIDINE IMPURITY FOR ENZALUTAMIDE

### Identification

**Chemical Name :**

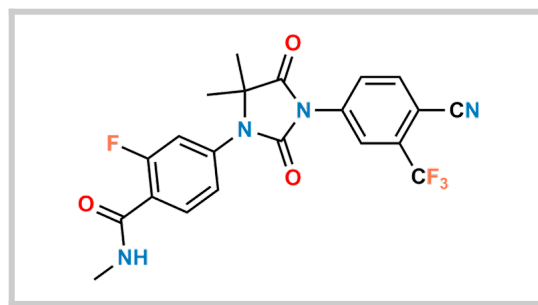
4-(3-(4-cyano-3-(trifluoromethyl)phenyl)-5,5-dimethyl-2,4-dioxoimidazolidin-1-yl)-2-fluoro-N-methylbenzamide;

CAT No. : KME008093

CAS No. : 1242137-18-3

Molecular Formula : C<sub>21</sub>H<sub>16</sub>F<sub>4</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight : 448.4



### Analytical Information

Batch No. : E008093-102-090

Description : Off White Solid

HPLC Purity : 96.27 %

Weight Loss By TGA : 0.40 %

% Potency : 95.88 %

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 - 0.40(Weight Loss By TGA)] x [96.27(HPLC Purity)]/100 = 95.88 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		07/07/2025

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