CERTIFICATE OF ANALYSIS

(Certificate No. KME008093-02)

Release Date: 23/06/2025 **Re-test Date:** 22/06/2028

DIOXOIMIDAZOLIDINE IMPURITY FOR ENZALUTAMIDE

Identification

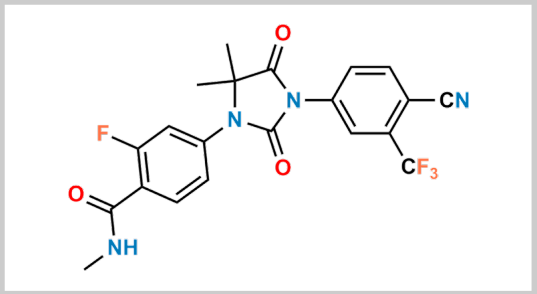
Chemical Name :
4-(3-(4-cyano-3-(trifluoromethyl)phenyl)-5,5-dimethyl-2,4-dioxoimidazolidin-1-yl)-2-fluoro-N-methylbenzamide;

CAT No. : KME008093

CAS No. : 1242137-18-3

Molecular Formula : C21H16F4N4O3

Molecular Weight : 448.4



Analytical Information

Batch No.	: E008093-102-090	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 96.27 %	**IR**	: Confirm
Weight Loss By TGA	: 0.40 %	**1H NMR**	: Confirm
% Potency	: 95.88 %		

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, 1HNMR, IR and TGA