

# CERTIFICATE OF ANALYSIS

(Certificate No. KME008001-01)

Release Date: 28/05/2024

Re-test Date: 27/05/2027

## Desfluoro Impurity for Enzalutamide

### Identification

**Chemical Name :**

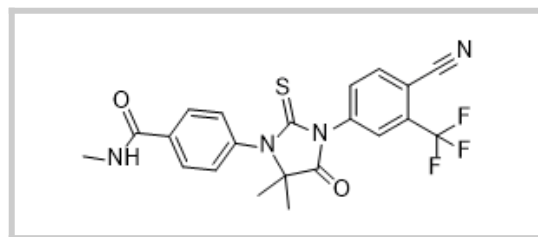
4-(3-(4-cyano-3-(trifluoromethyl)phenyl)-5,5-dimethyl-4-oxo-2-thioxoimidazolidin-1-yl)-N-methylbenzamide

CAT No. : KME008001

CAS No. : 915087-16-0

Molecular Formula : C<sub>21</sub>H<sub>17</sub>F<sub>3</sub>N<sub>4</sub>O<sub>2</sub>S

Molecular Weight : 446.45



### Analytical Information

Batch No. : ENZ-DES-FLUORO-019-308

Description : Off White Solid

HPLC Purity : 98.78 %

Weight Loss By TGA : 0.69 %

% Potency : 98.1 %

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 - 0.69(Weight Loss By TGA)] x [98.78(HPLC Purity)]/100 = 98.1 %

-Re-tested on 28.05.2024

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