

# CERTIFICATE OF ANALYSIS

(Certificate No. KME008073-01)

Release Date: 21/08/2023

Re-test Date: 20/08/2026

## Enzalutamide Dimer Impurity

### Identification

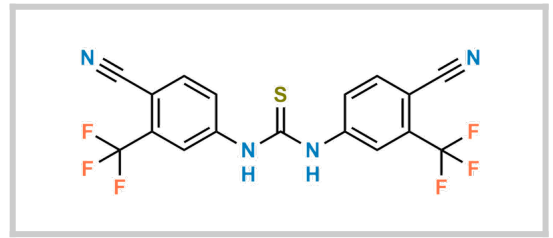
**Chemical Name :**  
1,3-Bis(4-cyano-3-(trifluoromethyl)phenyl)thiourea

**CAT No.** : KME008073

**CAS No.** : 1839619-50-9

**Molecular Formula** : C<sub>17</sub>H<sub>8</sub>F<sub>6</sub>N<sub>4</sub>S

**Molecular Weight** : 414.3



### Analytical Information

**Batch No.** : ENZ-IMP-B-045-250

**Description** : Off White Solid

**HPLC Purity** : 98.50 %

**Weight Loss By TGA** : 0.55 %

**% Potency** : 97.96 %

**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 - 0.55(Weight Loss By TGA)] x [98.50(HPLC Purity)]/100 = 97.96 %

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>HNMR, IR and TGA