

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMD172006-01)

**Release Date:** 25/07/2025

**Re-test Date:** 24/07/2028

## **Dutasteride USPRS**

### **Identification**

**Chemical Name :**

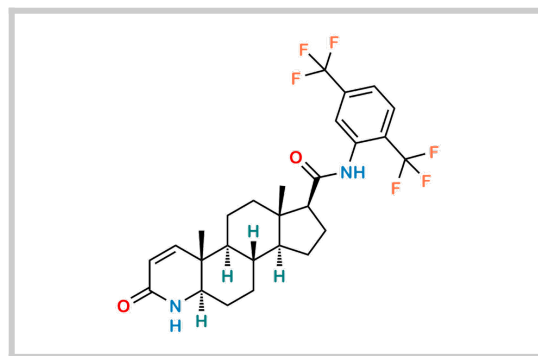
N-[2,5-Bis(trifluoromethyl)phenyl]-3-oxo-4-aza-5 $\alpha$ -androst-1-ene-17 $\beta$ -carboxamide ;

**CAT No.** : KMD172006

**CAS No.** : 164656-23-9

**Molecular Formula** : C<sub>27</sub>H<sub>30</sub>F<sub>6</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight** : 528.5



### **Analytical Information**

**Batch No.** : D172006-102-151

**Description** : White Solid

**HPLC Purity** : 99.94 %

**Weight Loss By TGA** : 0.08 %

**% Potency** : 99.86 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

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

**<sup>13</sup>C 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 - 0.08(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.86 %

USP Catalog No & Lot No :- 129922 - R08870

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/07/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA