

# CERTIFICATE OF ANALYSIS

(Certificate No. KMF004013-01)

Release Date: 28/09/2024

Re-test Date: 27/09/2027

## FULVESTRANT EXTENDED IMPURITY C

### Identification

**Chemical Name :**

7ξ-[9-[[9-[(4,4,5,5,5-pentafluoropentyl)sulfinyl]nonyl]sulfinyl]nonyl]estra-1,3,5(10)-triene-3,17β-diol (as per EP) ; Estra-1,3,5(10)-triene-3,17-diol,7-{9-[9-[(4,4,5,5,5-pentafluoro pentyl)sulfinyl]nonylsulfinyl]nonyl}- (7α,17β) (as per USP)

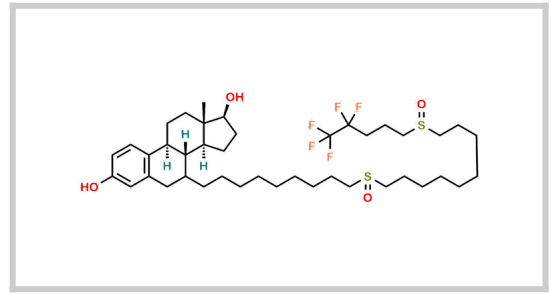
**Alt. Name** : Fulvestrant Extended

**CAT No.** : KMF004013

**CAS No.** : 2482852-42-4

**Molecular Formula** : C41H65F5O4S2

**Molecular Weight** : 781.1



### Analytical Information

**Batch No.** : F004013-073-391

**Description** : Light Yellow Hygroscopic Semi Solid

**HPLC Purity** : 98.47 %

**Weight Loss By TGA** : 0.26 %

**% Potency** : 98.21 %

**Solubility** : Methanol

**Mass** : Confirm

**IR** : Confirm

**1H 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** =  $[100 - 0.26(\text{Weight Loss By TGA})] \times [98.47(\text{HPLC Purity})]/100 = 98.21 \%$

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		30/09/2024

**Attachments** : COA, HPLC, MASS, 1HNMR, IR and TGA