

## CERTIFICATE OF ANALYSIS

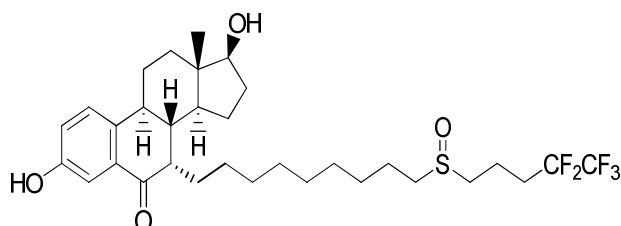
Reference Substance

Date:

**6-Keto Fulvestrant**

**Batch No.:**

**IUPAC Name:** (7 $\alpha$ ,17 $\beta$ )-7-[9-[4,4,5,5-Pentafluoropentyl)sulfinyl]nonyl]-3,17 $\beta$ -dihydroxyestra-1,3,5(10)-trien-6-one; Fulvestrant Impurity F



Molecular Weight: 620.75

Molecular Formula: C<sub>32</sub>H<sub>45</sub>F<sub>5</sub>O<sub>4</sub>S

Sr.#	Test	Results	Data ref.
1	Appearance	Off white solid	-----
2	Purity by HPLC	97.50%	Chromatogram attached
3	Mass	Conform	Report attached
4	<sup>1</sup> H NMR	Conform	Report attached

**Long term storage:** Store at -20°C, protect from moisture and direct sunlight.

**Shipment date:**

This certificate of analysis is valid for two years from date of manufacturing provided the substance is stored under suitable conditions.

**Date of manufacturing:**

**Retest Date:**

**Document data reference:**

*Prepared by*

*Reviewed by*

*Approved by*