

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KME005005-01)

**Release Date:** 24/05/2022

**Re-test Date:** 23/05/2025

## **Ezetimibe Ketone Impurity**

### **Identification**

**Chemical Name :**

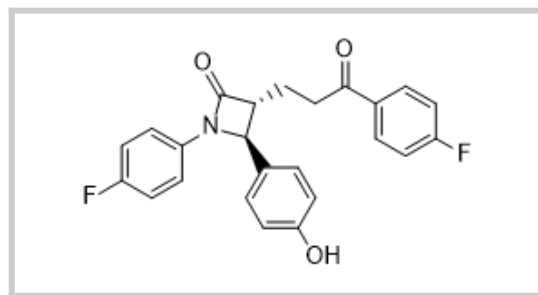
(3R,4S)-1-(4-Fluorophenyl)-3-[3-(4-fluorophenyl)-3-oxopropyl]-4-(4-hydroxyphenyl)-2-azetidinon

**CAT No.** : KME005005

**CAS No.** : 191330-56-0

**Molecular Formula** : C<sub>24</sub>H<sub>19</sub>F<sub>2</sub>NO<sub>3</sub>

**Molecular Weight** : 407.41



### **Analytical Information**

**Batch No.** : EZE-KET-030-124

**Description** : Off White Solid

**HPLC Purity** : 99.77 %

**Weight Loss By TGA** : 0.82 %

**% Potency** : 98.95 %

**Solubility** : ACN

**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 - 0.82(Weight Loss By TGA)] x [99.77(HPLC Purity)]/100 = 98.95 %

Remarks : COA Re-generated on 26.07.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/07/2024

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